

Indiana 2010 Five-Percent Report

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1.0 Introduction

The federal transportation act, SAFETEA-LU, created the Highway Safety Improvement Program (HSIP) per the requirements of 23 U.S.C. § 148(g) as a new core federal aid funding source with the purpose of reducing traffic fatalities and serious injuries. All states are required to submit an annual report describing not less than five percent of their highway locations exhibiting the most severe safety needs. The intent of this provision is to increase public awareness of the highway safety needs and challenges around the country.

In 2009, there were 95,701 miles of public roads in Indiana on which total travel per year is nearly 74 billion miles. State roads, U.S. highways, and interstates (those on the state (INDOT)-jurisdictional network) make up 11,113 miles of that total, or about 12 percent.

Each year in Indiana 190,000 to 205,000 traffic crashes take place, which include 600 to 800 fatal crashes, 34,000 to 38,000 personal-injury crashes, and 150,000 to 170,000 property-damage crashes. The fatal crash events result in 700 to 900 persons deaths annually. Personal-injury crash events result in injuries to 45,000 to 55,000 persons, of which about 3,500 persons are seriously injured (incapacitating injury). The personal, societal, and economic costs of these crashes are staggering.

Factors contributing to traffic crashes and resulting losses are numerous, complex, and interrelated. Among them are driver behaviors, including speeding, driving while impaired, aggressive driving, distracted driving, failure to use seatbelts, and operating a car or truck while drowsy or intoxicated. There are factors related to vehicle (e.g., tire treads presence of on-board safety features like anti-lock brake etc.), enforcement (e.g. intensity of ticketing, patrolling), weather events, and circumstances relating to emergency responders. In addition, the engineering and maintenance status of the various elements of the physical road infrastructure is a factor in crash risk, such as the sharpness of curves, the shoulder width, the sight distance, pavement friction, and the condition of traffic control devices etc.

Since many factors affect road safety, the countermeasures available to improve operating conditions at select sites are also numerous and diverse, often addressing more than one factor. These measures may include targeted police enforcement, (driver) education, or road engineering enhancement, as well as many other practices.

Before adequate safety countermeasures can be applied, the road network must be screened to identify locations that need safety improvements. This 2010 Five-Percent Report provides a list of Indiana locations with safety needs. This report also presents the screening method and the accompanied implementation effort. Since the 2009 Five-Percent Report, the following advancements have been made and incorporated in this year's report:

- For the 2010 Five Percent Report, crashes were assigned to intersections, road segments, and interchange ramps. The selection and ranking criteria are based on crashes reported for the 2007-2009 period.

- The safety performance functions for state roads were re-estimated, the new 2009 crash data was added and 2006 crash data was dropped. The classification rules for grouping local roads with a similar safety level were also updated using the new data.
- Another important improvement is updating the Indiana average crash costs for various types of locations consistent with the screening method. This update has allowed more accurate estimation of the economic losses caused by crashes at screening locations. This year unit costs for fatal and incapacitating injury (KB) crashes, non-incapacitating and possible injury (BC) crashes and PDO crashes were calculated for each type of segment, ramp and intersection.
- This year both Crash Cost Index (I_{CC}) and Crash Frequency Index (I_{CF}) were estimated for each segment and road type to rank state and local roads.
- This year, crashes on interchange ramps were linked and safety performance functions for ramps were developed based on different ramp configurations and AADT. Screening crashes on interchange ramps and developing safety performance functions for ramps were major changes from 2009 report. In the future when more crashes are linked to ramps, this will provide direction to detect recurring crash issues on ramps and thereby improve existing interchange ramp systems.
- Crashes on bridges were investigated and found to be reported for an insignificant number of cases, although in reality this number can be higher. This can be attributed to the fact that many times these crashes are reported as segment or ramp crashes. Therefore, bridge crashes were primarily assigned to associated segments and no safety performance functions were developed for bridges.
- Since the percent of geo-coded crashes increased considerably since 2008, it was possible to link about 83% of reported crashes to the road network using geospatial tools. Assignment of the remaining unlinked crashes by address and name matching by using some intelligent technique is currently under review and may be included in next year's report.
- For each road segment, intersection and ramp the number of single and multivehicle crashes is reported.

2.0 Identification Method

Crashes are mapped and linked to particular road segments, intersections and interchange ramps with the aid of ArcGIS. Many of the steps leading to the identification of the five percent locations were facilitated through the mapping features of ArcGIS. Several ArcGIS features like 'Proximity Analysis' and 'Model Builder' were principally used. Statistical models and analysis were carried out with SAS software.

Road Locations

A *road location* is a road intersection, a road segment or an interchange ramp.

A *road intersection* is a portion of the roads within the intersection impact zone. The intersection impact zone is a circle around the intersection center with a radius of 250 ft. If the impact zones of adjacent intersections overlap, then the midpoint between the intersections determines their impact zones boundaries.

A *road segment* is a road stretch between the intersection/interchange impact zones. Long road segments are divided into smaller parts to allow more specific location of safety needs (such as curves). Rural segments longer than 0.5 mile are divided into sub-segments whose lengths are as close to 0.5 mile as possible. Urban road segments longer than 0.25 mile are divided into sub-segments whose lengths are as close to 0.25 mile as possible.

Another type of road segment is the portion of the road within the interchange impact zone. There are system interchanges (freeway to freeway) and service interchanges (freeway to non-freeways). The interchange impact zone consists of freeway and non-freeway segments. For freeway segments the interchange zone extends 1500 ft beyond the farthest merging or diverging point. The non-freeway segments extend 250 ft beyond the farthest ramp intersections with the service road.

An *interchange ramp* is the part of an interchange that permits traffic from one highway to pass through the junction and access another roadway without directly crossing the other traffic stream. For the Five Percent Report the ramp layer used for analysis has three major configurations: *diagonal ramps* that terminate as an intersection with the crossroad such as ramps commonly used in diamond and folded diamond interchanges, *loop ramps* or loops commonly used in full or partial cloverleaf interchanges or as elements of other interchange types and *high speed connector ramps* which provide higher speed direct connections between freeways. For developing safety performance functions, connector ramps and other miscellaneous configurations are grouped together as ‘other’ type.

Evaluated in the 2010 Five-Percent Report are 343,554 intersections (39,073 state intersections and 304,481 local intersections) and 672,337 road segments (46,724 state segments and 625,613 local segments). An additional 973 road interchange segments (374 freeway segments and 599 non-freeway segments) represent 340 interchange facilities. Interchange facilities include diamond, full and partial clover-leaf, directional, trumpet, jug-handle and other types of facilities. All freeway interchange segments are part of the state road system while the non-freeway roadway segments can be state or local segments. Some 2145 ramps were evaluated.

Measures of Safety

Crashes reported for the last three years (2007-2009) were assigned to intersections, road segments (including the interchange segments) and ramps. Crash severity is classified in five categories:

1. Property damage only crashes (O-type),
2. Possible Injury Crashes (C-type)
3. Non-incapacitating injury crashes (B-type),
4. Incapacitating injury crashes (A-type), and
5. Fatal crashes (K-type).

The average cost of PDO in terms of number of damaged vehicles is around \$7,500. Cost for non-incapacitating (B) or possible (C) injury type crash is considered as \$7,500 per person injured. On the other hand, the average cost of one fatality and one incapacitating injury is \$1,150,000 and \$52,900, respectively (source: National Safety Council, 2005, <http://www.nsc.org/lrs/statinfo/estcost.htm>). Therefore, the cost of a single crash is calculated as:

$$C = \$7,500 * DV + \$7,500 * (BP + CP) + \$52,900 * AP + \$1,150,000 * KP$$

where:

C = crash cost (\$)

KP = fatalities (persons)

AP = incapacitating injuries (persons)

BP= non-incapacitating injuries (persons)

CP= possible injuries (person)

DV= number of damaged vehicles

The average cost of a crash in a group of locations is the total crash loss divided by the number of crashes.

Safety Performance Measures

State Road Intersections, Road Segments and Interchange Ramps

The primary safety performance measure for state road intersections is the crash frequency in terms of total (TC) or fatal and incapacitating (KA) crashes, and for state road segments, the crash density (TC/length or KA/length). We can also use a crash frequency index (I_{CF}) as a safety performance measure that mainly reflects the frequency of crashes. The secondary measure is the Crash Cost Index (I_{CC}). For screening purposes, the number of KA-type crashes and I_{CC} were primarily used. These terms are discussed below:

1. All different categories of crashes based on severity can be grouped as followed: number of fatal and incapacitating injury crashes (KA), number of non-incapacitating and possible injury crashes (BC) and PDO crashes at intersections and the density of these crashes (crashes per mile) on road segments. However, for screening the most hazardous locations only KA type crashes are considered.

- The crash cost index (I_{CC}) is a secondary but important measure of statistical significance. A value of the crash loss index higher than a threshold value (e.g. 1.5 or 2) indicates that the total crash loss at a location is significantly higher than the loss expected for the exposure and the type of location. Use of this indicator increases the chance that the identified locations are those with actual safety needs and not those experiencing a random flux of crashes.

The first criterion makes the selection process consistent with the current safety management goal of reducing the frequency of severe crashes while the second criterion makes the screening process statistically sound.

The crash cost index (I_{CC}) is the difference between the actual crash loss and the expected crash loss divided by the standard deviation of the difference of estimates.

$$I_{CC} = \frac{L - \bar{L}}{\sqrt{\sigma_L^2 + \sigma_{\bar{L}}^2}}$$

$$\begin{aligned} L &= C_{PD} \cdot PD + C_{KA} \cdot KA + C_{BC} \cdot BC \\ \bar{L} &= C_{PD} \cdot a_{PD} + C_{KA} \cdot a_{KA} + C_{BC} \cdot a_{BC} \\ \sigma_L^2 &= C_{PD}^2 \cdot PD + C_{KA}^2 \cdot KA + C_{BC}^2 \cdot BC \\ \sigma_{\bar{L}}^2 &= C_{PD}^2 \cdot a_{PD}^2 \cdot D_{PD} + C_{KA}^2 \cdot a_{KA}^2 \cdot D_{KA} + C_{BC}^2 \cdot a_{BC}^2 \cdot D_{BC} \end{aligned}$$

The other index used in this report is index of crash frequency (I_{CF}) which is an indicator of an excessive number of crashes at a particular location irrespective of the injury severity. This can help to pinpoint a particular roadway or driver related problem that is contributing for such excessive crash frequency. I_{CF} is calculated as followed:

$$I_{CF} = \frac{TC - \bar{TC}}{\sqrt{\sigma_{TC}^2 + \sigma_{\bar{TC}}^2}}$$

$$\begin{aligned} TC &= PD + KA + BC \\ \bar{TC} &= a_{PD} + a_{KA} + a_{BC} \\ \sigma_L^2 &= PD + KA + BC = TC \\ \sigma_{\bar{L}}^2 &= a_{PD}^2 \cdot D_{PD} + a_{KA}^2 \cdot D_{KA} + a_{BC}^2 \cdot D_{BC} \end{aligned}$$

Where:

I_{CC} = the crash cost index,

I_{CF} = the crash frequency index

L = total crash loss during the analyzed period, in dollars,

\bar{L} = expected crash loss during the analyzed period, in dollars,

TC = total frequency of crashes during analysis period

\bar{TC} = expected frequency of crashes during analysis period

σ_L^2 = variance of the crash loss,
 $\sigma_{\bar{L}}^2$ = variance of the expected crash loss,
 PD = number of property-damage-only crashes in analyzed period,
 KA = number of fatal and incapacitating crashes in analyzed period,
 BC = number of non-incapacitating and possible crashes in analyzed period,
 C_{PD} = average PD crash cost, in dollars,
 C_{KA} = average KA crash cost, in dollars,
 C_{BC} = average BC crash cost, in dollars,
 a_{PD} = expected PDO crash frequency calculated with the safety performance functions in crashes/analyzed period *,
 a_{KA} = expected KA crash frequency calculated with the safety performance functions in crashes/analyzed period, *
 a_{BC} = expected BC crash frequency calculated with the safety performance functions in crashes/analyzed period *,
 D_{PD} = over-dispersion parameter for a_{PD} estimate, *
 D_{KA} = over-dispersion parameter for a_{KA} estimate, *
 D_{BC} = over-dispersion parameter for a_{BC} estimate. *

* As given in Appendix C, of the “Indiana 2010 Five-Percent Research Report - July 31, 2010

Local Road Intersections Segments

Estimating the expected crash costs and frequencies for local roads involves surrogate variables of exposure such as population density, household density, type of area (rural, urban or suburban), employment density (indicator of economic activity), and network characteristics (e.g. network or intersection density), etc. A modeling method based on a classification tree was selected to group similar road segments and intersections together and to estimate safety in these groups. Each road group (terminal node in the classification tree) is identified based on the generated classification rules. The classification process produces the expected crash cost (crash loss) for each road intersection group and the expected crash cost density (crash loss density) expressed in \$/mile for each segment group. In addition, the standard deviations of costs (cost densities) within each group are reported. The actual crash loss on a road is compared to the expected crash loss to verify if this road has safety needs.

For local road index of crash loss (I_{CC}) is computed using the following sets of formula:

For local intersections:

$$I_{CC} = \frac{L - \bar{L}}{\sqrt{\sigma_L^2 + \sigma_{\bar{L}}^2}}$$

$$L = C_{PD} \cdot PD + C_{KA} \cdot KA + C_{BC} \cdot BC$$
$$\sigma_L^2 = C_{PD}^2 \cdot PD + C_{KA}^2 \cdot KA + C_{BC}^2 \cdot BC$$

For local segments:

$$I_{CC} = \frac{DL - \overline{DL}}{\sqrt{\sigma_{DL}^2 + \sigma_{\overline{DL}}^2}}$$

$$\begin{aligned} DL &= \frac{1}{S} (C_{PD} \cdot PD + C_{KA} \cdot KA + C_{BC} \cdot BC) \\ \sigma_D^2 &= \frac{1}{S^2} (C_{PD}^2 \cdot PD + C_{KA}^2 \cdot KA + C_{BC}^2 \cdot BC) \end{aligned}$$

For local road index of crash frequency (I_{CF}) is computed using the following sets of formula:

For local intersections:

$$I_{CF} = \frac{TC - \overline{TC}}{\sqrt{\sigma_{TC}^2 + \sigma_{\overline{TC}}^2}}$$

$$\begin{aligned} TC &= PD + KA + BC \\ \sigma_{TC}^2 &= PD + KA + BC = TC \end{aligned}$$

For local segments:

$$\begin{aligned} I_{CF} &= \frac{CD - \overline{CD}}{\sqrt{\sigma_{CD}^2 + \sigma_{\overline{CD}}^2}} \\ CD &= \frac{1}{S} (PD + KA + BC) \\ \sigma_{CD}^2 &= \frac{1}{S^2} (PD + KA + BC) \end{aligned}$$

L, TC = Actual crash loss/frequency for an intersection,

$\overline{L}, \overline{TC}$ = Typical crash loss/frequency given the substitute exposure (i.e. mean crash loss/frequency for a particular class of classification tree for intersections),

DL, CD = Actual crash loss/frequency density for a road segment,

$\overline{DL}, \overline{CD}$ = Typical crash loss /frequency density given the substitute exposure (i.e. mean crash loss/frequency density for a particular class of classification tree for segments),

TC = total frequency of crashes during analysis period

\overline{TC} = expected frequency during analysis period (*i.e. mean value for a group in the model classification tree*)

$\sigma_L^2, \sigma_{DL}^2, \sigma_{TC}^2, \sigma_{CD}^2$ = Variance of crash loss/frequency for intersection/segment,

$\sigma_L^2, \sigma_{DL}^2, \sigma_{TC}^2, \sigma_{CD}^2$ = Variance of crash loss/frequency in a road group in classification tree/total number of locations in the group),
 C_{PD}, C_{KA}, C_{BC} = Average PDO, KA and BC crash cost, in dollars for local roads,
 PD, KA, BC = Number of PDO, incapacitating /fatal and non-incapacitating/possible crashes for local roads,
 S = length of segment (mile).

3.0 Five Percent List

The 2010 Five Percent Report identifies road locations with the most severe safety needs through selecting intersections and road segments that are experiencing severe crashes (fatal and incapacitating injuries). The state/local road segments and intersections were then ranked using the crash loss index. The five percent selection was determined as follows:

For State Roads

State road intersections, segments and interchange ramps were first selected if they experienced at least two fatal or incapacitating injury crashes (KA) during the analysis period. The lists were combined and sorted in descending order first by KA and then by crash cost index (I_{CC}). Then the number of fatal and serious crashes was accumulated until it equaled five percent of the fatal and serious crashes that occurred on state road intersections and segments for the analysis period from 2007 to 2009. Because relatively few crashes could be assigned to interchange ramps, it was decided not to include interchange ramps in the 2010 Five Percent Report.

For Local Roads

Local road intersections and segments were selected if they experienced at least two fatal or serious injury crashes during the analysis period. The list was combined and was sorted in descending order first by KA and then by crash loss index (I_{CC}). The number of fatal and serious crashes was accumulated until it equaled five percent of the fatal and serious crashes that occurred on local road intersections and segments for the three year period from 2007 to 2009.

Sites Identified

Table 1 shows total crash counts for three year period (2007-2009) by all three major types of roadway locations considered (i.e. segment, intersection and ramps).

Table 1 Distribution of Total Crashes (2007-2009)

Year	Total crashes			
	Total	Segment (% of total)	Intersection (% of total)	Ramp (% of total)
2007	206,139	138,731 (67.3%)	64,327 (31.2%)	3,081 (1.5%)
2008	207,071	141,373 (68.3%)	62,466 (30.2%)	3,232 (1.6%)
2009	191,460	130,038 (67.9%)	58,614 (30.6%)	2,808 (1.5%)
<i>Total</i>	<i>604,670</i>	<i>410,142</i>	<i>185,407</i>	<i>9,121</i>

Table 2 shows the linked crash counts considered for five percent study by major types of road locations. About 83 percent of total crashes have been linked to the network based on the available geo-coding information. The percentage of crashes linked to ramps is considerably lower than those linked to segments and intersections. This has been caused by the less accurate geo-coding of ramp crashes than other crashes. In many cases, the ramp crash was too far from the ramp to be assigned to that ramp. In future Five Percent Reports this issue will be addressed by bringing in the name and mile post matching criteria that will also increase the percentage of crashes correctly assigned to other road components. This method is currently being tested by the Center for Road Safety.

Table 2 Distribution of Assigned Crashes (2007-2009)

Year	Linked crashes for five percent			
	Total (% of link)	Segment (% of link)	Intersection (% of link)	Ramp (% of link)
2007	163,761 (79.4%)	110,761 (79.8%)	52,401 (81.5%)	599 (19.4%)
2008	177,828 (85.9%)	122,874 (86.9%)	53,305 (85.3%)	1,649 (51.0%)
2009	160,847 (84.0%)	110,500 (85.0%)	49,247 (84.0%)	1,100 (39.2%)
<i>Total</i>	<i>502,436 (83.1%)</i>	<i>344,135 (83.9%)</i>	<i>154,953 (83.6%)</i>	<i>3,348 (36.7%)</i>

There were total 10,923 fatal and incapacitating crashes (KA) for the analysis period. Considering only the crashes available to link with road network, the total number of KA type crashes is 9,480. The five percent list consists of 314 locations of which there are 73 state intersections, 77 state segments, 78 local intersections and 86 local segments. These 314 locations represent 7.7% of all linked KA type crashes. If we consider all crashes during the analysis period (both linked and unlinked), the percent of crashes on identified sites is about 6.7 percent. Table 3 shows the detailed information of linked crash counts on the roadway network by state/local segments/intersections/ramps and the breakdown of this information for the five percent listed locations.

Table 3 Severe Crash Counts (KA) by Network and Five Percent Locations

Location Type	Total Assigned Crashes (KA)	Number of locations in 5% report	Crashes on 5%- listed Locations	Percent of Total
State Intersection	1,169	73	177	15.1%
State Segment	2,669	77	190	7.1%
Local Intersection	1,821	78	179	9.8%
Local Segment	3,821	86	184	4.8%
Ramps	75	(Not reported for the 2010 Report)		
Linked crashes (KA)	9,480	314	730	7.7%
Unlinked crashes (KA)	1,443		-	-
Total Crashes (KA)	10,923		730	6.7%

Appendix A shows the five percent list of road locations for 2010.

4.0 Conclusion

The 2010 Five-percent Report uses a methodology similar to the one described in the previous year's report. Crashes having geographic coordinates were assigned to the road network. Improvement in data quality of 2008 and 2009 crashes, where the percent of crashes geo-coded reached about 93% of reported crashes, has eliminated the need for assigning remaining crashes based on a less accurate supplementary method.

The safety performance functions for state roads were estimated using 2007, 2008 and the new 2009 crash data for three levels of crash severities (KA, BC and O). In addition, the classification trees for crash frequency and cost were revised using the 2007-2009 crash data for local road segments and intersections. Another important improvement is updating the Indiana average crash costs for various types of locations consistent with the screening method. This update has allowed more accurate estimation of economic losses because of crashes at screening locations.

Multiple factors contribute to crash events, and for that reason, different countermeasures to reduce crash risk may be appropriate at different locations. For example, in some cases police enforcement is the most effective measure, while in others road engineering methods, such as road geometry or traffic control improvements, are most advisable. At other locations, yet another combination of these treatments works best. For these reasons, it is not appropriate to program safety improvement projects at locations revealed by the Five Percent Report without first conducting road safety audits to determine crash causes and plan appropriate countermeasures.

The methodology used in selecting Indiana's five percent locations is based on research conducted at Purdue University. The *Indiana 2010 Five Percent Research Report – July 31, 2010* is available upon request.

5.0 Contact Person

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Appendix A Five Percent Report Lists

List of Abbreviations used in the table

No. of Fatal Crashes in 3 years	K
No. of Incapacitating Injury Crashes in 3 years	A
No. of Non Incapacitating Injury Crashes in 3 years	B
No. of Property-Damage-Only Crashes in 3 years	O
No. of Fatal and Incapacitating Injury Crashes in 3 years	KA
No. of Non-Incapacitating and Possible Injury Crashes in 3 years	BC
No. of Person. Killed in 3 years	KP
No. of Incapacitating Injuries (people) in 3 years	AP
No. of Non-incapacitating Injuries (people) in 3 years	BP
No. of Possible Injuries (people) in 3 years	CP
No. of Damaged Motor Vehicles Involved in 3 years	DV
No. of Single Vehicle Crashes in 3 years	SVC
No. of Multiple Vehicle Crashes in 3 years	MVC
Number of Total Crash Events	TC
Index of Crash Cost over 3 years	I _{CC}
Index of Crash Frequency over 3 years	I _{CF}

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
216871	N 41.118248 W 85.13517	Intersection of SR 930 (Coliseum Blvd) at Coldwater Rd (~0.7 mi E of US 27)	Fort Wayne	Allen	0	2	12	5	83	0	3	21	7	213	99	3	2	17	102	2.34	2.61
131091	N 41.112048 W 85.10837	Intersection of SR 930 (E Coliseum Blvd) at Crescent Ave (~2.17 mi E of US 27 (Lima Rd))	Fort Wayne	Allen	0	2	11	2	65	0	2	18	6	169	79	1	2	13	80	2.25	2.5
505610	N 41.055048 W 85.13457	Intersection of US 27 (Clinton St.) at E Packard Ave (~5.9 mi N of I-469)	Fort Wayne	Allen	1	2	1	0	4	1	2	4	0	9	1	7	3	1	8	1.81	1.84
505114	N 41.118148 W 85.149271	Intersection of US 27 (Lima Rd) at SR 930 (Coliseum Blvd)(~0.9 miles S of I-69)	Fort Wayne	Allen	1	1	12	3	62	3	1	18	7	163	77	2	2	15	79	1.25	1.64
528601	N 39.222917 W 85.89118	Intersection of US 31 (N National Rd) at E 25th St (~ 4.4 mi N of SR 46)	Columbus	Bartholomew	0	3	9	1	33	0	4	13	1	93	45	1	3	10	46	2.56	2.68
154637	N 39.143533 W 85.841137	Intersection of US 31 at E CR 400 S (~1.61 mile S of SR 7)	Columbus	Bartholomew	0	2	7	0	12	0	2	16	1	40	18	3	2	7	21	3.41	1.93
376900	N 39.143490 W 85.800815	Intersection of SR 7 at Legal Tender Road (~2.72 mi SE of US 31)	SE of Columbus	Bartholomew	1	1	4	0	2	1	2	8	2	16	8	0	2	4	8	1.13	1.5

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sgle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
287642	N 40.756731 W 86.363678	Intersection of SR 25 (N 6th St) at High St (~ 0.23 mi E then 0.24 mi N of SR 17)	Logansport	Cass	0	2	0	0	12	0	2	1	0	29	14	0	2	0	14	1.22	1.53
526097	N 38.652322 W 87.170852	Intersection of SR 57 (SE 4th St/5th St) at E National Highway (~ 1.66 mi N of the US 50 / US 150 Bypass)	Washington	Daviess	0	2	3	0	11	0	2	9	0	34	16	0	2	3	16	1.81	1.79
416846	N 39.086750 W 84.878314	Intersection US 50 (W Eads Pkwy) at Reese Dr. (~1.49 mi E of SR 148/~0.47mi SW of SR 48)	Lawrenceburg	Dearborn	0	2	8	0	21	0	3	9	2	62	29	2	2	8	31	3	2.02
391101	N 39.351135 W 85.491875	Intersection of SR 3 at N Carver St (~0.4 mi NE of US 421 (Michigan Ave))	Greensburg	Decatur	0	3	2	0	6	0	3	8	0	23	11	0	3	2	11	0.55	1.66
529435	N 41.725860 W 85.683946	Intersection of SR 13 at SR 120 (~1.50 mi of S of I-80/I-90)	N of Middlebury	Elkhart	0	3	3	1	8	0	3	4	2	33	15	0	3	4	15	1.14	1.75
175179	N 40.00081 W 86.004232	Intersection of SR 37 at E 146th Street (~ 2.58 mi N of I-69)	Noblesville	Hamilton	0	4	7	51	24	0	5	16	125	187	82	4	4	58	86	1.86	3.23
279688	N 40.039388 W 85.995443	Intersection of SR 37 at Pleasant St (~ 0.44 mi S of SR 32/SR 38)	Noblesville	Hamilton	0	2	6	42	13	0	2	7	92	130	60	3	2	48	63	3.13	3.12
175743	N 39.956243 W 86.157928	Intersection of US 31 (N Meridian St) at 116th St (~ 1.80 mi N of I-465 (N leg))	Carmel	Hamilton	1	2	8	0	61	1	2	17	0	151	72	0	3	8	72	3.72	2.67

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (lc)
526640	N 40.094421 W 86.128083	Intersection of US 31 at SR 38 (~ 12.35 mi N of I-465 (N Leg))	N of Westfield	Hamilton	1	2	5	2	34	1	3	13	7	100	43	1	3	7	44	2.25	2.14
175089	N 39.978875 W 86.003944	Intersection of SR 37 at E 131st St (~ 1.14 mile N of I-69)	Fishers	Hamilton	1	1	13	1	32	1	1	26	6	105	47	1	2	14	48	1.91	1.94
175480	N 40.021849 W 86.131854	Intersection of US 31 at E 161st St (~ 1.47 mi S of SR 32)	Westfield	Hamilton	0	2	7	14	9	0	2	13	32	68	28	4	2	21	32	0.98	1.68
434210	N 40.123605 W 85.942733	Intersection of SR 37 at Strawtown Ave /Lafayette St (~ 0.47 mi S of SR 213)	NE of Noblesville	Hamilton	1	1	1	0	8	1	1	2	1	21	10	1	2	1	11	1.84	1.53
389367	N 39.814057 W 85.769744	Intersection of SR 9 at New Rd (~ 0.48 mi S of I-70)	Greenfield	Hancock	0	2	9	2	30	0	2	16	8	93	43	0	2	11	43	4.54	2.44
155264	N 39.763484 W 86.350584	Intersection of US 36 at Gable Dr (~2.60 mi E of SR 267)	Avon	Hendricks	0	2	2	1	13	0	3	3	1	36	18	0	2	3	18	2.77	1.75
453420	N 39.914166 W 85.384762	Intersection of SR 3 (S Memorial Dr) at Parkview Dr (~1.20 mile S of SR 38)	New Castle	Henry	0	3	7	8	13	0	3	13	22	66	31	0	3	15	31	4.32	2.93
528669	N 39.802746 W 85.434149	Intersection of US 40 at SR 3 (E Jct) (~ 4.32 mi W of SR 103)	Spiceland (S of New Castle)	Henry	0	3	3	2	8	0	5	7	14	27	11	5	3	5	16	3.95	2.09

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
294519	N 40.476438 W 86.126891	Intersection of SR 22 (E Markland Ave) at S Apperson Way (~ 1.02 W of US 31)	Kokomo	Howard	0	4	6	0	15	0	4	9	2	49	24	1	4	6	25	2.06	2.42
293111	N 40.471938 W 86.107791	Intersection of US 31 at Savoy Dr (~0.33 mi S of SR 22)	Kokomo	Howard	0	2	6	1	15	0	2	10	6	49	21	3	2	7	24	2.35	2.14
294864	N 40.487738 W 86.165093	Intersection of SR 22 (W Sycamore St) at N Dixon Rd (~ 3.72 mi W of US 31)	Kokomo	Howard	0	2	2	0	14	0	2	5	1	36	18	0	2	2	18	2.59	1.94
373748	N 38.953082 W 85.902188	Intersection of US 50 at Community Dr (~ 0.66 mi E of SR 11)	Seymour	Jackson	0	2	3	1	11	0	2	4	1	35	16	1	2	4	17	2.25	1.91
528671	N 38.736321 W 85.449583	Intersection of SR 62 (Clifty Hollow Rd) at Clifty Dr/SR 62 (~ 0.18 mi W of SR 256)	W of Madison	Jefferson	0	2	3	2	21	0	2	3	3	50	22	6	2	5	28	3.73	1.94
161022	N 39.549792 W 86.086865	Intersection of US 31 at Whiteland Rd/Main St (~4.99 mile N of SR 44/~10.97 mi S of I-465 (S leg))	Whiteland (S of Greenwood)	Johnson	0	2	6	2	26	0	2	9	2	74	35	1	2	8	36	3.1	2.56
161161	N 39.564336 W 86.092561	Intersection of US 31 at Tracy Rd (E CR 600 N) (~6.05 mi N of SR 44)	New Whiteland	Johnson	0	2	6	1	9	0	2	9	4	40	16	2	2	7	18	1.21	1.76

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Total Crash Frequency (lcf)	Index of Crash Cost (Icc)
518205	N 41.74325 W 85.426532	Intersection of SR 9 at W/E CR 700 N (~0.75 mile S of I-80/I-90)	N of Lagrange	Lagrange	0	2	2	0	7	0	2	2	3	19	8	3	2	2	11	1.77	1.54
210649	N 41.551535 W 87.432739	Intersection of SR 912 (Cline Ave at Ridge Rd (~1.28 mi S of I-80/I-94)	Highland	Lake	0	2	4	0	51	0	2	9	0	116	55	2	2	4	57	4.57	2.48
205110	N 41.400388 W 87.354963	Intersection of SR 55 (S Indiana Ave) at Greenview Pl (~ 1.00 mile S of US-231)	Crown Point	Lake	0	2	5	0	9	0	2	9	0	36	16	0	2	5	16	3.64	2.12
214779	N 41.639035 W 87.454541	Intersection of US 12 at Euclid Ave (~ 1.21 mi E of SR 912)	East Chicago	Lake	0	2	5	4	15	0	2	6	6	52	24	2	2	9	26	1.65	2.02
218430	N 41.470836 W 87.355585	Intersection of US 30 (W Lincoln Hwy) at Grant St (~ 0.50 mi E of SR 55 (Taft St))	Merrillville	Lake	0	2	5	0	30	0	2	13	0	79	37	0	2	5	37	1.79	1.99
183908	N 41.513736 W 87.360237	Intersection of SR 55 (Cleveland St) at W 57th Ave (~ 3.03 mi N of US 30)	Merrillville	Lake	1	1	7	0	16	1	1	11	1	51	25	0	2	7	25	1.61	1.94
210819	N 41.441171 W 87.469781	Intersection of US 41 at W 97th Ln (~1.37 miles N of US 231)	St. John	Lake	0	2	4	0	9	0	2	4	3	30	15	0	2	4	15	2.03	1.84
312202	N 41.680339 W 86.893929	Intersection of US 421 (Franklin St) at US 20 (~1.53 N of I-94)	Michigan City	LaPorte	1	2	10	1	63	1	2	13	2	155	73	4	3	11	77	2.83	2.53

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Total Crash Frequency (lcr)	Index of Crash Cost (lc)
305232	N 41.583768 W 86.700349	Intersection of US 35 (Indiana Ave) at E Boyd Blvd (~ 2.17 mi S of SR 2)	LaPorte	LaPorte	0	2	1	1	14	0	2	2	1	37	17	1	2	2	18	3.9	2.12
314114	N 41.708739 W 86.869729	Intersection of US 35 (E Michigan Blvd) at Carroll Ave (~ 2.27 mi NW of SR 212/ US 35)	Michigan City	LaPorte	1	1	1	2	9	1	1	3	2	29	13	1	2	3	14	0.86	1.51
431147	N 40.066242 W 85.652976	Intersection of SR 9 (East St) at Charles St (0.30 miles N of SR 236)	Anderson	Madison	0	2	19	2	44	0	2	25	10	142	67	0	2	21	67	7.04	4.41
431382	N 40.071542 W 85.652976	Intersection of SR 9 (East St) at E 43rd St (~ 0.68 mi N of SR 236)	Anderson	Madison	0	3	14	4	20	0	3	25	12	86	40	1	3	18	41	5.04	3.31
435621	N 40.061742 W 85.652876	Intersection of SR 9 (East St) at SR 236 (E 53rd St) (~0.84 mi N of I-69)	Anderson	Madison	0	2	16	4	51	0	2	29	10	157	72	1	2	20	73	2.6	2.42
147731	N 40.092342 W 85.652675	Intersection of SR 9 (East St/Scatterfield Rd) at SR 32 (Ohio St)/SR 232 (Mounds Rd) (~2.68 mi N of I-69)	Anderson	Madison	1	2	6	0	33	1	2	12	1	80	38	4	3	6	42	0.81	1.54
152359	N 39.679921 W 86.288483	Intersection SR 67 at Heathrow Rd / Mendenhall Rd (~2.10 mi SW of I-465)	Indianapolis	Marion	1	2	6	0	22	1	2	13	0	64	29	2	3	6	31	3.4	2.58

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
154302	N 39.763718 W 86.326798	Intersection of US 36 (Rockville Rd) at N/S Raceway Rd/N County Line Rd (~ 3.20 mi W of I-74/I-465 (W leg))	Indianapolis	Marion	0	2	10	2	48	0	2	11	3	127	59	3	2	12	62	2.73	2.25
174397	N 39.749884 W 86.026018	Intersection of US 52 at S Franklin Rd (~0.41 mi SE of I-465)	Indianapolis	Marion	0	2	4	1	29	0	2	8	1	79	36	0	2	5	36	1.9	2.06
527961	N 41.238226 W 86.261462	Intersection of US 31 at SR 10 (Indiana Ave) (~4.71 mi N of SR 110)	W of Argos	Marshall	1	1	4	1	13	1	1	9	3	38	17	3	2	5	20	1.51	1.59
113460	W 86.571197 N 39.122347	Intersection of SR 37 at W Fullerton Pike (~1.77 mi S of SR 45)	Bloomington	Monroe	0	4	11	1	4	0	8	25	7	45	20	0	4	12	20	4.06	2.66
115473	N 39.186546 W 86.537797	Intersection of SR 45 / SR 46 Bypass at N Kinser Pike (~ 0.94 mi E of SR 37)	Bloomington	Monroe	0	2	9	3	19	0	2	21	8	68	31	2	2	12	33	0.98	1.69
141102	W 86.423565 N 39.408531	Intersection of SR 37 at S Ohio St (~ 1.65 mi S of SR 252)	Martinsville	Morgan	0	2	15	0	28	0	2	22	5	100	45	0	2	15	45	6.44	3.43
130796	N 41.425083 W 85.268291	Intersection of SR 3 (S Lima Rd) at W Waits Rd (~ 2.22 mi S of US 6)	Kendalville	Noble	0	4	2	0	2	0	5	11	0	16	8	0	4	2	8	1.22	2
435083	N 41.470310 W 87.157664	Intersection of US 30 (E Lincoln Hwy) at N CR 475 W (Sedley Rd) (~ 8.64 mi E of I-65)	Union	Porter	1	1	10	0	29	1	1	17	0	84	38	3	2	10	41	6.11	2.57

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigr. Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
227912	N 41.627589 W 87.076641	Intersection of US 20 at Wagner Rd (~1.09 mi W of SR 49)	Chesterton	Porter	1	4	1	0	10	1	4	9	0	32	14	2	5	1	16	1.74	2.35
227344	N 41.636998 W 87.047968	Intersection of US 20 at N Tremont Rd (~0.57 mi E of SR 49)	Chesterton	Porter	2	1	4	0	10	2	2	9	0	29	12	5	3	4	17	1.75	2.04
210509	N 41.463654 W 87.114047	Intersection of US 30 at N CR 250 W (~ 2.65 mi W of SR 2)	W of Valparaiso	Porter	0	2	7	1	24	0	2	16	2	68	31	3	2	8	34	2.15	1.88
221059	N 41.550342 W 87.104672	Intersection of US 6 at N CR 200 W (~ 3.04 mi W of SR 49)	Valparaiso	Porter	1	2	2	1	6	1	2	9	2	23	11	1	3	3	12	1.3	1.79
221685	N 41.550537 W 87.221434	Intersection of US 6/E 37th Ave at County Line Rd (~ 1.00 mi E of SR 51/SR 130)	Hobart	Porter	0	2	6	0	11	0	2	11	0	39	18	1	2	6	19	1.07	1.68
186971	N 41.318755 W 87.074575	Intersection of SR 8 at N CR 50 W (~2.54 mi W of SR 49)	W of Kouts	Porter	0	2	4	0	3	0	2	6	0	18	9	0	2	4	9	2.9	1.67
528765	N 39.051472 W 85.130863	Intersection of US 50 at SR 101 (N CR 700 E) (~ 3.16 mi E of SR 129/US50 (E Jct))	S of Milan	Ripley	0	2	1	0	3	0	3	3	0	10	4	2	2	1	6	2.35	1.53
364799	N 38.684067 W 85.813185	Intersection of SR 56 (W McLain Ave) at S Boatman Rd (~ 1.37 mi W of I-65)	Vienna	Scott	0	2	5	2	3	0	3	9	7	24	12	0	2	7	12	1.97	1.69

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ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
346109	N 41.66111 W 86.179268	Intersection of SR 933 (Lincoln Way E) at Church St (~ 3.31 mi E of SR 23)	Mishawaka	St Joseph	1	3	12	1	32	1	3	21	3	97	44	5	4	13	49	4.36	3.31
329674	N 41.679096 W 86.25041	Intersection of SR 933 (Michigan St / N St Joseph St) at E LaSalle St (~ 1.00 mi N of SR 23)	South Bend	St Joseph	0	2	5	0	20	0	2	7	0	51	23	4	2	5	27	1.55	1.87
335252	N 41.672139 W 86.506602	Intersection of SR 2 (Western Ave) at Timothy Rd (~ 4.26 mi E of SR 2)	W of South Bend	St Joseph	2	1	2	0	3	2	1	10	0	16	8	0	3	2	8	0.6	1.67
333265	N 41.677872 W 86.235218	Intersection of SR 23 (Eddy St) at Colfax Ave (~ 0.68 mi N of SR 930 (Lincoln Way E))	South Bend	St Joseph	0	2	7	0	7	0	2	14	0	35	15	1	2	7	16	0.83	1.61
248162	N 40.453334 W 86.92461	Intersection of US 52 (Sagamore Pkwy) at Yeager Rd (~ 0.35 mi E of US 231)	West Lafayette	Tippecanoe	0	2	13	3	37	0	2	18	4	113	53	2	2	16	55	3.22	3.06
248690	N 40.417635 W 86.830856	Intersection of SR 26 at Farington Ave (~ 0.54 mi W of I-65)	Lafayette	Tippecanoe	1	1	7	0	37	1	1	11	0	98	45	1	2	7	46	4.15	2.96
22863	N 37.962906 W 87.542606	Intersection of US 41 at Washington Ave (~ 1.00 mi S of SR 62 / SR 66 (E Lloyd Expressway))	Evansville	Vanderburgh	0	3	10	4	40	0	4	15	10	117	55	2	3	14	57	1.92	2.50

Table A.1: 2010 Five Percent List for Indiana State Road Intersections

ID	GIS Coordinates	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)	
28808	N 38.003742 W 87.582316	Intersection of SR 66 (W Diamond Ave) at Kratzville Road (~ 2.51 mi W of US 41)	Evansville	Vanderburgh	0	3	1	3	17	0	5	2	7	48	23	1	3	4	24	1.73	2.10
28063	N 37.977842 W 87.581115	Intersection of N SR 62 (W Lloyd Expressway) at Fulton Ave (~ 2.04 mi W of US 41)	Evansville	Vanderburgh	0	3	10	7	68	0	3	14	11	177	85	3	3	17	88	1.47	2.05
27798	N 37.976542 W 87.637017	Intersection of SR 62 (W Lloyd Expressway) at S Red Bank Rd (~ 5.10 mi W of US 41)	Evansville	Vanderburgh	1	1	8	7	58	3	1	14	14	154	75	0	2	15	75	1.18	1.59
65019	N 39.419937 W 87.41612	Intersection of US 41 / US 150 at McAllister Ln (~0.78 miles S of I-70)	Terre Haute	Vigo	0	2	4	0	15	0	2	11	0	42	20	1	2	4	21	1.44	1.75
64634	N 39.346838 W 87.388419	Intersection of US 41/US 150 at E Harlan Dr (~ 6.20 mi S of I-70)	Terre Haute	Vigo	0	2	3	1	14	0	3	3	6	42	20	0	2	4	20	1.67	1.62

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. & Possb. Inj. Crash (KA)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)	
	Start Point	End Point																				
24399426	W 85.883514 N 39.069525	W 85.880668 N 39.076767	SR 11 from 3.07 mi to 3.62 mi (E CR 850 S) N of I-65 (MP 46.14 to 46.69)	N of Jonesville	Bartholomew	0	2	3	0	7	0	3	6	0	14	2	10	2	3	12	2.43	1.53
24399502	W 85.841885 N 39.172735	W 85.846358 N 39.179988	US 31 from SR 46/SR 9 to 0.55 mi N (E CR 150 S) (MP 65.27 to 65.82)	SE of Columbus	Bartholomew	1	2	0	0	1	1	2	5	1	7	3	1	3	0	4	0.33	-
24380019	W 86.257104 N 39.231102	W 86.25697 N 39.228876	SR 135 from 2.04 mi N to 2.20 mi N of SR 46/SR 135 W (MP 101.49 to 101.65)	N of Nashville	Brown	1	2	0	0	1	1	4	1	0	6	2	2	3	0	4	1.37	1.71
24461106	W 86.197564 N 39.113766	W 86.199296 N 39.108249	SR 135 from 8.18 mi to 6.57 mi S of SR 46(MP 88.18 to 88.57)	NE of Story	Brown	0	2	3	0	2	0	2	6	1	8	1	6	2	3	7	2.53	1.54
24377450	W 86.257118 N 39.289171	W 86.257119 N 39.292708	SR 135 from 1.67 mi to 1.91 mi (Railroad Rd) N of SR 45 (MP 106.41 to 106.64)	S of Morgantown	Brown	0	2	3	0	3	0	2	3	0	9	1	7	2	3	8	2.20	1.52
24380300	W 86.125989 N 39.199863	W 86.136763 N 39.197905	SR 46 from 3.08 mi to 3.68 mi (Hoover Rd) E of SR 135 (MP 79.25 to 79.85)	E of Nashville	Brown	0	2	3	0	11	0	3	7	0	19	3	13	2	3	16	2.21	1.52

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID			Location	City	County	Fatal Crash (K)		Incap. Inj. Crash (A)		Non-incap. Inj. Crash (B)		Possb. Inj. Crash (C)		PDO Crash (O)		Fatal Injuries (KP)		Incapac. Inj. (AP)		Non-incapacitating Injuries (BP)		Possible Injuries (CP)		No. of Damaged Vehicles (DV)		No. of Multivh. Crash (M/C)		No. of Sngle Veh. Crash (S/C)		Fatal & Incap. Inj. Crash (KA)		Non-Incap. Inj. & Possb. Inj. Crash (BC)		Total Crash (TC)		Index of Crash Frequency (Icf)		Index of Crash Cost (Icc)	
	GIS Coordinates					Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multivh. Crash (M/C)	No. of Sngle Veh. Crash (S/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)																	
24389307	W 86.695099 N 40.558372	W 86.691121 N 40.564134	SR 25 from 1.95 mi SW (Old SR 25) to 1.49 mi SW of US 421/SR 18 (MP 50.31 to 50.77)	SW of Delphi	Carroll	3	0	0	0	3	3	0	0	0	8	1	5	3	0	6	0.64	1.65																	
24391389	W 86.439667 N 40.758269	W 86.43995 N 40.75834	US 24 from 2.23 mi W (S CR 400 W (W Jct)) to 2.22 mi W ((S CR 400 W (E Jct)) of US 35 (MP 58.51 to 58.52)	W of Logansport	Cass	1	1	1	0	10	1	1	2	0	16	2	11	2	1	13	3.49	1.60																	
24466012	W 85.746062 N 38.26937	W 85.749294 N 38.275441	I-65 from 0.16 to 0.61 mi N of IN/KY State Line (MP 0.16 to 0.61)	Jeffersonville	Clark	0	3	19	4	88	0	4	30	6	235	99	15	3	23	114	4.49	3.13																	
24466027	W 85.749294 N 38.275441	W 85.753462 N 38.28327	I-65 from 0.61 mi to 1.22 mi N of IN/KY State Line (MP 0.61 to 1.22)	Jeffersonville	Clark	1	2	12	1	110	1	2	16	1	227	95	31	3	13	126	2.14	2.23																	
24397671	W 85.769501 N 38.476095	W 85.771178 N 38.482999	I-65 from 5.59 mi (Ebenezer Church Rd) to 6.06 mi N of SR 311(MP 14.72 to 15.19)	N of Sellersburg	Clark	1	1	5	1	32	1	2	11	3	65	21	19	2	6	40	2.54	1.86																	

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. & Possb. Inj. Crash (KA)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)	
	Start Point	End Point																				
24375631	W 86.942464 N 38.664321	W 86.933149 N 38.664483	US 50/US 150 from 1.58 mi (CR 1200 E) to 1.07 mi (CR 1250 E) W of US 231 (MP 33.50 to 34.00)	W of Loogootee	Daviess	1	2	3	0	1	1	2	9	1	10	3	4	3	3	7	0.99	1.72
24403566	W 84.893151 N 39.073219	W 84.892837 N 39.074556	US 50 from 0.70 mi (Billingsly) to 0.79 mi (Sycamore Estates) N of SR 148 (MP 161.62 to 161.71)	Aurora	Dearborn	0	2	2	1	30	0	2	3	1	70	26	9	2	3	35	2.36	2.13
24465270	W 85.086844 N 41.273361	W 85.086692 N 41.265829	I-69 from 6.14 mi (County line Rd) to 6.66 mi N of SR 1 (MP 121.92 to 122.44)	N of Fort Wayne	DeKalb	1	3	2	0	28	1	4	7	0	49	14	20	4	2	34	2.22	2.01
24414609	W 85.087812 N 41.351448	W 85.085556 N 41.3591	I-69 from 0.55 mi to 1.09 mi (CR 48/Auburn Rd) S of SR 8 (MP 127.95 to 128.50)	SW of Auburn	DeKalb	1	1	10	2	38	1	2	11	4	77	18	34	2	12	52	4.07	1.76
24412894	W 85.902096 N 41.623549	W 85.906797 N 41.626549	US 33 from 2.82 mi to 2.50 mi (Ferndale Ave) SE of US 20 (MP 91.90 to 92.22)	Goshen	Elkhart	0	2	2	0	38	0	2	3	0	80	38	4	2	2	42	2.54	2.20

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
	Start Point	End Point																				
24412943	W 85.839896 N 41.471397	W 85.841437 N 41.464084	SR 15 from 1.01 mi to 1.53 mi (CR 50) N of US 6 (MP 73.01 to 73.53)	S of Goshen	Elkhart	1	2	0	0	4	1	2	1	0	9	2	5	3	0	7	0.58	1.63
24413163	W 85.81674 N 41.6893	W 85.814786 N 41.681937	SR 15 from 1.10 mi (CR 14) to 1.63 mi (CR 112) N of US 20 (MP 88.60 to 89.13)	S of Bristol	Elkhart	1	1	2	0	13	1	3	5	0	23	6	11	2	2	17	2.22	1.51
24397613	W 85.820864 N 38.307568	W 85.821308 N 38.310868	SR 111 (Grantline Rd) from 1.77 mi to 2.01 mi (Beechwood Ave) S of I-265 (MP 27.60 to 27.84)	New Albany	Floyd	1	1	3	0	16	1	1	4	0	38	16	5	2	3	21	1.95	1.72
24397262	W 85.962449 N 38.365168	W 85.961345 N 38.364208	US 150 from 2.44 mi (Schuler Rd) to 2.53 mi (Borden Rd) E of SR 335 (MP 165.63 to 165.72)	E of Greenville	Floyd	1	1	3	1	2	1	2	3	1	12	3	5	2	4	8	1.75	1.51
24403349	W 84.988038 N 39.388118	W 84.990901 N 39.393686	US 52/SR 1 from 2.22 mi to 2.68 mi S of SR 252 (MP 157.26 to 158.71)	SE of Brookville	Franklin	0	2	4	0	9	0	5	4	0	19	3	12	2	4	15	2.41	1.56
24369359	W 87.714656 N 38.375846	W 87.723672 N 38.38088	SR 64 from 2.10 mi E (N CR 850 W) to 2.70 mi E (N CR 800 W) of the IND/ILL State Line (MP 2.10 to 2.70)	SE of East Mount Carmel	Gibson	1	2	3	0	60	1	3	5	3	112	44	22	3	3	66	6.54	2.44

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
	Start Point	End Point																				
24390625	W 85.995735 N 40.045634	W 86.000318 N 40.045608	SR 38 from 0.32 mi (19th St) to 0.08 mi (Cumberland Rd) W of SR 37 (MP 85.75 to 86.01)	Noblesville	Hamilton	1	1	5	78	23	1	1	6	151	206	96	12	2	83	108	7.70	6.11
24464388	W 85.95861 N 39.97637	W 85.966678 N 39.972484	I-69 from the E 126th Bridge to 0.51 mi NE, approximately 2.15 mi E to 2.66 mi E of the SR 37/I-69 Interchange (MP 7.60 to 8.10)	Fishers	Hamilton	1	3	8	0	28	2	5	23	2	101	22	18	4	8	40	2.00	2.21
24463829	W 85.717467 N 39.787621	W 85.707945 N 39.788012	US 40 (Washington St) from 2.76 mi E to 3.27 mi E (N CR 500 E) of SR 9 (State St) (MP 101.16 to MP 101.67)	E of Greenfield	Hancock	0	2	3	0	12	0	4	4	0	24	6	11	2	3	17	3.20	1.64
24408707	W 85.382288 N 39.924301	W 85.381898 N 39.92874	SR 3 (Memorial Dr) from 0.51 mi S to 0.20 mi S (Indiana Ave) of SR 38 (Broad St) (MP 114.34 to 114.65)	New Castle	Henry	0	2	2	2	12	0	2	3	6	38	18	0	2	4	18	1.74	1.76
24387219	W 86.107691 N 40.476738	W 86.107791 N 40.471938	US 31 from 0.34 mi S of SR 22/US 35 (Savoy Dr) to SR 22/US 35 (Markland Ave) (MP 162.08 to 162.42)	Kokomo	Howard	0	2	8	0	54	0	4	16	0	128	51	13	2	8	64	2.49	2.53

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)		Incap. Inj. Crash (A)		Non-incap. Inj. Crash (B)		Possb. Inj. Crash (C)		PDO Crash (O)		Fatal Injuries (KP)		Incapac. Inj. (AP)		Non-incapacitating Injuries (BP)		Possible Injuries (CP)		No. of Damaged Vehicles (DV)		No. of Multiveh. Crash (MVC)		No. of Single Veh. Crash (SV/C)		Fatal & Incap. Inj. Crash (KA)		Non-Incap. Inj. & Possb. Inj. Crash (BC)		Total Crash (TC)		Index of Crash Frequency (ICF)		Index of Crash Cost (ICC)	
	Start Point	End Point				Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (ICF)	Index of Crash Cost (ICC)																	
24410334	W 85.412555 N 40.84019	W 85.422288 N 40.845057	US 224 from 2.90 mi to 3.52 mi SE of SR 5 (MP 6.14 to 6.70)	SE of Huntington	Huntington	0	2	3	3	1 2	0	2	6	3	24	4	16	2	6	20	3.22	1.68																	
24398958	W 85.862568 N 38.957975	W 85.856618 N 38.958023	US 50 from 1.03 mi (Agrico Ln) to 0.71 mi (Meyers St) W of I-65 (MP 104.10 to 104.42)	Seymour	Jackson	0	2	2	1	2 7	0	2	2	3	63	28	4	2	3	32	0.89	1.51																	
24385590	W 87.164071 N 41.187676	W 87.159754 N 41.187619	US 231/SR 10 from 0.71 mi W (Industry Dr.) to 0.49 mi W (N CR 600 W) of US 231 (E Jct) (MP 269.62 to 269.85)	E of Demotte	Jasper	2	0	1	3	2 2	2	0	2	6	38	10	18	2	4	28	4.52	1.82																	
24461572	W 87.270593 N 41.078881	W 87.267712 N 41.086294	I-65 from 4.55 mi N to 5.19 mi N (W CR 500 N) of SR 14 (MP 224.82 to 225.36)	N of Rensselaer	Jasper	1	2	0	1	2 0	1	2	3	2	32	7	17	3	1	24	1.47	1.67																	
24398454	W 85.391885 N 38.774967	W 85.389429 N 38.775034	SR 62 (Clifty Dr) from 1.29 mi to 1.42 mi (Bank St) E of SR 7 (MP 194.52 to 194.65)	Madison	Jefferson	0	2	0	0	4 3	0	2	0	0	82	37	8	2	0	45	3.85	2.51																	
24466145	W 85.852534 N 41.264726	W 85.852667 N 41.268981	SR 15 from 0.14 mi S to 0.16 mi N of US 30 (MP 59.01 to 59.31)	Warsaw	Kosciusko	0	2	2	0	2 5	0	3	4	0	39	9	20	2	2	29	1.87	1.82																	

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID			Location	City	County	Fatal Crash (K)		Incap. Inj. Crash (A)		Non-incap. Inj. Crash (B)		Possb. Inj. Crash (C)		PDO Crash (O)		Fatal Injuries (KP)		Incapac. Inj. (AP)		Non-incapacitating Injuries (BP)		Possible Injuries (CP)		No. of Damaged Vehicles (DV)		No. of Multiveh. Crash (MVC)		No. of Single Veh. Crash (SV/C)		Fatal & Incap. Inj. Crash (KA)		Non-Incap. Inj. & Possb. Inj. Crash (BC)		Total Crash (TC)		Index of Crash Frequency (I_{CF})		Index of Crash Cost (I_{CC})	
	Start Point	End Point																																					
24412104	W 85.888417 N 41.214195	W 85.885683 N 41.217132	SR 25 from 1.77 mi W, then 1.40 mi S of SR 15 starting at Wasau St 0.25 mi NE to Ferguson Rd (MP 120.44 to 120.69)	SW of Warsaw	Kosciusko	1	1	2	1	21	1	1	4	1	32	5	21	2	3	26	4.37	1.78																	
24462139	W 87.470639 N 41.520587	W 87.470639 N 41.523035	US 41 (S Indianapolis Blvd) from 2.06 mi N to 2.23 mi N (Main St/53rd Ave) of US 30 (MP 265.24 to 265.41)	Schererville	Lake	0	2	1	2	3	85	0	2	18	6	224	95	7	2	15	102	4.86	3.99																
24465876	W 87.432714 N 41.584627	W 87.4327 N 41.592348	SR 912 (Cline Ave) from 1.01 mi N (0.24 mi S of 169th St/15th) to 1.54 mi N (0.29 mi N of 169th St/15th) of I-80/I-94 (MP 9.40 to 8.87)	Hammond	Lake	0	2	1	6	2	73	0	2	23	9	160	56	37	2	18	93	3.75	3.37																
24465880	W 87.327137 N 41.567336	W 87.345806 N 41.567511	I-80/I-94 from 0.46 mi W to 0.51 mi E of SR 53 (Broadway) (MP 15.40 to 16.37)	Gary	Lake	2	3	3	7	0	33	2	3	58	1	736	303	70	5	37	373	2.64	3.00																

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	GIS Coordinates																					
ID	Start Point	End Point	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
24386723	W 87.239835 N 41.569736	W 87.239935 N 41.574136	US 6/SR 51 (Ripley St) from 0.93 mi S (Hobart St) to 0.62 mi S (Fairview St) S of I-80/I-94 (MP 15.62 to 15.93)	Lake Station	Lake	0	2	7	6	47	0	2	9	11	118	52	10	2	13	62	4.27	2.80
24385919	W 87.477238 N 41.490635	W 87.474137 N 41.490686	US 30 from 0.35 mi W (Sunset Blvd) to 0.19 mi W of US 41 (Indianapolis Blvd) (MP 2.52 to 2.68)	Town of Dyer	Lake	0	2	14	1	33	0	2	18	6	107	44	6	2	15	50	2.06	2.43
24465841	W 87.326572 N 41.384525	W 87.32238 N 41.397369	I-65 from 0.63 mi S to 0.29 mi N of I-65 (MP 246.70 to 247.62)	Crown Point	Lake	1	3	8	1	73	5	3	14	1	131	38	48	4	9	86	2.17	2.26
24465862	W 87.499366 N 41.574093	W 87.520541 N 41.575635	I-80/I-94 from 0.61 mi W to 0.50 mi E (Columbia Ave) of US 41/Calumet Ave (MP 0.25 to 1.36)	Hammond	Lake	1	6	40	1	235	2	6	47	2	512	198	85	7	41	283	1.21	2.08
24386434	W 87.337237 N 41.587836	W 87.337237 N 41.586836	SR 53 (Broadway) from 1.35 mi N (16th St.) to 1.42 mi N (15th St.) (MP 12.83 to 12.90)	Gary	Lake	0	2	3	0	10	0	3	5	0	26	10	5	2	3	15	2.50	1.80

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	Start Point	End Point																																					
24462120	W 87.42344 N 41.630635	W 87.42074 N 41.628735	US 12 from 0.60 mi SE to 0.79 mi SE (SR 312/Chicago Ave) of SR 912 (MP 8.28 to 8.47)	Gary	Lake	3	0	1	0	6	3	0	4	1	17	7	3	3	1	10	1.20	1.78																	
24465871	W 87.427078 N 41.602268	W 87.43885 N 41.605169	US 20 from 0.34 mi W to 0.30 mi E of SR 912 (Cline Ave) (MP 9.48 to 10.12)	Gary	Lake	0	3	3	1	20	0	3	6	1	45	18	9	3	4	27	0.96	1.77																	
24465870	W 87.446939 N 41.573835	W 87.42089 N 41.569835	I-80/I-94 from 0.80 mi W to 0.60 mi E of SR 912 (Cline Avenue) (MP 4.10 to 5.50)	Hammond	Lake	1	2	48	5	215	1	2	77	12	453	155	116	3	53	271	1.42	1.73																	
24385287	W 87.295849 N 41.289466	W 87.298853 N 41.289447	SR 2 from 0.11 mi E to 0.27 mi E (Colorado St) of I-65 (MP 15.01 to 15.17)	E of Lowell	Lake	0	2	2	0	21	0	2	2	1	50	24	1	2	2	25	1.53	1.67																	
24386226	W 87.364836 N 41.485636	W 87.364877 N 41.482406	SR 55 from 0.79 mi to 1.01 mi N (73rd Ave) (MP 104.99 to 105.21)	Merrillville	Lake	0	3	1	0	7	0	5	1	0	23	10	1	3	1	11	0.25	1.60																	
24386170	W 87.316235 N 41.471236	W 87.312979 N 41.471204	US 30 from 0.41 mi E (Mississippi St) to 0.58 mi E of I-65 (MP 11.12 to 11.29)	Hobart	Lake	1	1	5	3	18	1	1	10	8	66	28	0	2	8	28	0.76	1.58																	

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ID	GIS Coordinates			Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Postb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																					
24465884	W 87.309661 N 41.567715	W 87.293277 N 41.57053	I-80/I-90 (Toll Rd) from 0.48 mi W to 0.39 mi E of I-65 (MP 11.26 to 12.13)	Gary	Lake	0	0	2	11	2	138	0	2	13	3	277	98	55	2	13	153	1.70	1.57
24462199	W 87.320079 N 41.492128	W 87.320545 N 41.488534	I-65 from 1.22 mi to 1.47 mi N of US 30 (MP 253.98 to 254.23)	Merrillville	Lake	0	0	2	5	1	24	0	2	10	1	46	11	21	2	6	32	1.12	1.52
24393850	W 86.893929 N 41.675086	W 86.893929 N 41.680339	US 421 (Franklin St) from 1.15 mi N (Meijer Rd) to 1.51 mi N (US 20) of I-94 (MP 231.53 to 231.89)	Michigan City	LaPorte	2	1	8	1	70	2	3	9	5	154	69	13	3	9	82	3.94	3.32	
24393892	W 86.893929 N 41.675086	W 86.893929 N 41.672539	US 421 (Franklin St) from 0.98 mi N (Village Rd) to 1.15 mi N (Meijer Rd) of I-94 (MP 231.35 to 231.53)	Michigan City	LaPorte	0	0	2	1	0	56	0	2	2	0	114	55	4	2	1	59	3.79	2.76
24393918	W 86.865328 N 41.68734	W 86.873868 N 41.687339	US 20 from 1.21 mi E (Woodland Ave.) to 1.64 mi E (Longwood Dr.) of US 421 (MP 41.23 to 41.66)	S of Michigan City	LaPorte	1	1	3	2	0	4	1	3	5	1	14	4	6	4	2	10	0.02	1.75
24394019	W 86.631378 N 41.672103	W 86.641264 N 41.672314	US 20 from 1.45 mi E (N CR 300 E) to 1.95 mi E (N CR 350 E) of I-80/I-90 (Toll Rd) (MP 53.81 to 54.31)	N of LaPorte	LaPorte	2	1	0	0	0	3	2	3	0	0	9	3	3	3	0	6	0.18	1.62

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates			Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (Icf)	Index of Crash Cost (Icc)
	Start Point	End Point																					
24463081	W 86.748648 N 41.660197	W 86.755558 N 41.658295		I-80/I-90 (Toll Rd) from 0.48 mi to 0.86 mi E of SR 39 (MP 47.86 to 48.24)	N of LaPorte	LaPorte	1	1	1	0	24	3	3	5	0	38	10	17	2	1	27	3.10	1.51
24466118	W 85.6529 N 40.051444	W 85.652897 N 40.054718		SR 109 from 0.12 mi S of I-69 to 0.11 mi N of I-69 (MP 21.66 to 21.89)	Anderson	Madison	1	1	5	2	38	1	1	6	5	86	36	11	2	7	47	2.59	2.35
24380507	W 86.218371 N 39.823825	W 86.222081 N 39.823782		I-65 from 4.37 mi SE to 4.17 mi SE of I-465 (W leg) (MP 119.35 to 119.55)	Indianapolis	Marion	0	3	5	1	21	0	3	7	1	55	23	7	3	6	30	1.62	1.94
24465776	W 86.07434 N 39.636586	W 86.074372 N 39.646173		I-65 from 5.24 mi S (E County Line Rd) to 4.59 mi S of I-465 (S leg)/ I-74 (MP 100.78 to 101.43)	S of Indianapolis	Marion	0	3	7	0	45	0	3	11	0	91	30	25	3	7	55	1.90	1.91
24381889	W 86.092724 N 39.703815	W 86.098047 N 39.703956		I-465 (S leg)/I-74/US 52 from 0.83 mi E to 0.53 mi E of I-65 (MP 52.35 to 52.65)	Indianapolis	Marion	0	2	6	1	56	0	2	9	1	130	53	12	2	7	65	1.89	1.81

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID			Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sgle Veh. Crash (S/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
24390552	W 85.989004 N 39.854668	W 85.98679 N 39.855752	US 36/SR 67 (Pendleton Pike) from 2.94 mi NE (Deer Walk) to 3.07 mi NE (E56th St) of I-465 (E leg) (MP 71.82 to MP 71.97)	Lawrence	Marion	0	2	4	0	10	0	2	5	2	35	14	2	2	4	16	1.11	1.62
24461324	W 86.310843 N 39.825068	W 86.307943 N 39.822642	I-74 from 2.34 mi NW to 2.12 mi NW of I-465 (W leg) (MP 7.93 to 71.15)	Indianapolis	Marion	1	1	2	0	14	1	1	2	0	24	5	13	2	2	18	1.59	1.55
24367918	W 85.980326 N 39.775364	W 85.984605 N 39.775158	US 40 (Washington St) from 2.44 mi E to 2.67 mi E (Washington Pt Dr) of I-465 (E leg) (MP 89.95 to 87.18)	Indianapolis	Marion	0	2	2	1	15	0	2	2	1	42	18	2	2	3	20	0.89	1.53
24394651	W 86.406501 N 41.302924	W 86.405499 N 41.303701	SR 17 from 1.42 mi N (12th Rd) to 1.50 mi N (Cherokee Path) of SR 8 (MP 41.52 and 41.60)	W of Plymouth	Marshall	1	1	2	0	20	1	2	4	0	26	2	22	2	2	24	4.69	1.78
24391902	W 86.127755 N 40.6356	W 86.127808 N 40.642853	US 31 from 1.75 mi (W CR 900) to 1.25 mi (W CR 800) S of SR 218 (S Jct) (MP 173.49 to 173.99)	N of Kokomo	Miami	1	1	4	0	13	2	1	8	2	36	11	8	2	4	19	2.27	1.61

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID					City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	GIS Coordinates		Start Point	End Point																			
24377490	W 86.534402 N 39.186363	W 86.532062 N 39.186349	SR 45/SR 46 from 1.24 mi (Walnut St) to 1.36 mi E of SR 37 (MP 39.24 to 39.36)	Bloomington	Monroe	0	2	3	0	23	0	2	6	0	58	27	1	2	3	28	1.85	1.90	
24461267	W 86.429485 N 39.406888	W 86.43715 N 39.405458	SR 37 from 0.77 mi (Burton Rd) to 1.19 mi E of SR 39 (MP 119.70 to 120.12)	Martinsville	Morgan	0	3	4	0	15	0	3	8	0	41	17	5	3	4	22	0.41	1.57	
24383003	W 87.036445 N 41.461799	W 87.036525 N 41.457175	SR 130 from 0.21 mi S (Pennia Hill) to 0.11 mi N (Warbler) of US 30 (MP 13.45 to 13.78)	Center	Porter	0	2	9	0	36	0	2	9	1	94	45	2	2	9	47	3.25	2.35	
24462321	W 87.07192 N 41.623301	W 87.076672 N 41.620677	I-94 from 1.67 mi W (Wagner Rd.) to 1.36 mi W of SR 49 (MP 24.31 and 24.62)	Town of Porter	Porter	1	2	2	0	27	1	3	3	0	46	11	21	3	2	32	2.07	1.93	
24400044	W 85.751141 N 39.520167	W 85.750334 N 39.520408	SR 44 from 0.89 mi SW to 0.84 mi SW (Dagley Ct) of I-74/US 421 (MP 37.52 to 37.57)	Shelbyville	Shelby	0	2	4	2	7	0	2	8	6	30	15	0	2	6	15	2.14	1.85	

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID			Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	GIS Coordinates																					
ID	Start Point	End Point	Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SV/C)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
24465345	W 85.048053 N 41.600418	W 85.053995 N 41.59429	I-69/US 27 from 2.92 mi S (at the bridge carrying S CR 325 W over I-69) to 2.39 mi S of US 20 (MP 144.94 to 145.46)	SW of Angola	Steuben	1	1	3	1	28	1	1	5	1	40	6	28	2	4	34	3.19	1.56
24466001	W 86.247366 N 41.721872	W 86.268391 N 41.7226	I-80/I-90 (Toll Rd) from 0.92 mi W to 0.18 mi E of SR 933 (MP 75.80 to 76.90)	Roseland	St Joseph	0	3	10	0	39	0	3	23	1	79	22	30	3	10	52	1.57	1.86
24395645	W 86.250827 N 41.746717	W 86.250809 N 41.744904	SR 933 from 1.53 mi to 1.66 mi (Auten Rd) N of I-80/I-90 (Toll Rd) (MP 117.38 to 117.51)	N of South Bend	St Joseph	0	2	3	0	12	0	2	4	0	35	17	0	2	3	17	1.69	1.73
24389109	W 86.868714 N 40.493458	W 86.874538 N 40.48797	SR 43 from I-65 S 0.75 mi (MP 28.26 to 28.98)	S of Battle Ground	Tippecanoe	0	2	1	0	15	0	2	5	0	27	7	11	2	1	18	2.11	1.53
24373057	W 87.41612 N 39.423737	W 87.41612 N 39.422537	US 41 from 0.56 mi to 0.50 mi (W Johnson Dr) S of I-70 (MP 109.25 to 109.35)	Terre Haute	Vigo	0	2	5	1	33	0	2	9	2	82	36	5	2	6	41	2.52	2.32

Table A.2: 2010 Five Percent List for Indiana State Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Inj. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sgle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
24460459	W 87.401768 N 39.399986	W 87.404007 N 39.402225	US 41/US 150 from 2.38 mi to 2.18 mi (Elizabeth Ln) S of I-70 (MP 107.45 to 107.65)	S of Terre Haute	Vigo	0	2	1	0	42	0	2	1	0	83	38	7	2	1	45	2.32	2.17
24371554	W 87.496222 N 39.317438	W 87.49769 N 39.310252	SR 63 from 2.50 mi to 3.00 mi (Sutiff Dr) N of SR 246 (MP 18.70 to 19.20)	SW of Terre Haute	Vigo	0	2	4	0	12	0	2	8	0	23	5	13	2	4	18	3.53	1.67
24407758	W 85.832831 N 40.809815	W 85.834235 N 40.811247	SR 15 from 0.44 mi (Harrison Ave) to 0.32 mi (Central Ave) SE of US 24 (MP 26.12 to 26.24)	Wabash	Wabash	0	2	1	2	12	0	3	1	4	34	15	2	2	3	17	2.26	1.81

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-Incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
507774	W 85.09997 N 41.119048	Intersection of St Joe Rd/Hobson Rd at Crescent Ave/Stellhorn Rd (~ 0.67 mi N of SR 930(Coliseum Blvd))	Fort Wayne	ALLEN	0	2	2	0	49	0	2	4	1	106	50	3	2	2	53	7.03	3.41
504987	W 85.14767 N 41.074848	Intersection of W Jefferson Blvd at Broadway (~ 0.57 mi W of US 27/Clinton St)	Fort Wayne	ALLEN	0	2	7	3	30	0	2	9	4	83	39	3	2	10	42	6.20	3.19
507267	W 85.11497 N 41.089648	Intersection of Lake Ave at N Anthony Blvd (~ 1.42 mi W of SR 931/Coliseum Blvd)	Fort Wayne	ALLEN	0	2	9	1	30	0	2	10	3	87	42	0	2	10	42	6.20	3.15
504730	W 85.10317 N 41.097448	Intersection of E. State Blvd at Beacon St (~ 0.78 mile W of SR 930(Coliseum Blvd))	Fort Wayne	ALLEN	0	2	5	1	27	0	3	5	1	72	34	1	2	6	35	5.61	2.85
507775	W 85.10027 N 41.121448	Intersection of St Joe Rd at Broyles Blvd/Dean Dr (~ 0.83 mi N of SR 930(Coliseum Blvd))	Fort Wayne	ALLEN	0	2	1	0	16	0	2	2	0	36	17	2	2	1	19	4.24	2.12
505625	W 85.11147 N 41.097148	Intersection of E State Blvd at Randallia Dr (~ 1.21 mi W of SR 930(Coliseum Blvd))	Fort Wayne	ALLEN	0	2	3	0	12	0	2	6	0	30	13	4	2	3	17	4.00	2.09
506579	W 85.12837 N 41.089248	Intersection of Tennessee Ave at St. Joseph Blvd (~ 0.31 mi E of US 27(Spy Run Ave))	Fort Wayne	ALLEN	0	3	1	1	9	0	3	6	1	24	10	4	3	2	14	3.25	2.03

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-Incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-Incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
371018	W 85.90428 N 39.206993	Intersection of Central Ave at 8th St (~0.63 mi NE of SR 46)	Columbus	BARTHolemew	0	2	7	0	10	0	2	12	1	38	18	1	2	7	19	3.94	2.21
487213	W 85.9735 N 41.687249	Intersection of S Main at Jackson Blvd (~1.09 mile S of SR 19(Bristol St))	Elkhart	ELKHART	1	1	4	2	17	1	1	6	2	49	22	3	2	6	25	4.63	2.42
233505	W 85.879532 N 41.659805	Intersection of CR 117 at CR 18 (~ 0.52 mi S of US 20(St Joseph Valley Pkwy))	SE of Elkhart	ELKHART	0	3	6	0	7	0	3	10	0	28	11	5	3	6	16	3.81	2.29
262852	W 86.12681 N 39.926871	Intersection of Westfield Blvd at E 96th St (~ 0.08 mi N of I-465 (N leg))	Indianapolis	HAMILTON	1	2	1	0	16	2	2	1	0	31	11	9	3	1	20	4.30	2.27
385509	W 85.789905 N 39.81368	Intersection of N Fortville Pike/N Franklin St at E New Rd/E CR 200 N (~ 0.53 mi SE of I-70)	Greenfield	HANCOCK	0	2	9	0	10	0	3	24	2	43	21	0	2	9	21	4.41	2.42
143161	W 86.380957 N 39.748308	Intersection of S Dan Jones Rd at E CR 100 S (~ 1.01 mi S of US 36/Rockville Rd)	Avon	HENDRICKS	0	2	2	2	80	0	2	4	2	169	82	4	2	4	86	9.19	4.72
296111	W 86.126892 N 40.520038	Intersection of Smith Rd/E CR 300 N at N Apperson Way (~ 0.33 mi W of US 31/US 35)	Kokomo	HOWARD	0	2	4	0	15	0	2	6	4	43	19	2	2	4	21	4.18	2.20
294947	W 86.130191 N 40.455238	Intersection of W Lincoln Rd at S Washington St (~ 0.95 mi W of US 31(S Reed Rd))	Kokomo	HOWARD	0	2	5	0	9	0	2	7	1	31	15	1	2	5	16	3.81	2.07

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDC Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (lo_F)	Index of Crash Cost (lc)
163391	W 86.082721 N 39.61411	Intersection of E Main St/CR 950 N at N Emerson Ave/CR 100 E (~ 0.47 mi W of I-65)	Greenwood	JOHNSON	0	2	3	4	20	0	2	3	9	57	28	1	2	7	29	5.05	2.57
174039	W 86.063707 N 39.63683	Intersection of E County Line Rd at S Arlington Ave/N CR 200 E (~ 0.56 mi E of I-65)	S of Indianapolis	JOHNSON	0	2	7	0	8	0	2	11	1	36	17	0	2	7	17	3.68	2.12
211377	W 87.427738 N 41.537135	Intersection of W Glen Park Ave at N Broad St/Old SR 73 (~ 2.25 mi E of US 41)	Griffith	LAKE	0	2	3	1	19	0	2	12	1	49	23	2	2	4	25	4.63	2.32
223727	W 87.266336 N 41.596736	Intersection of S Lake St at Melton Rd (~ 0.45 mi N of I-90(Toll Rd))	Gary	LAKE	0	2	3	1	15	0	2	6	2	43	21	0	2	4	21	4.41	2.24
314774	W 86.893729 N 41.687539	Intersection of Franklin St at Barker Rd(~ 0.49 mi N of US-20)	Michigan City	LAPORTE	0	2	1	0	19	0	2	1	0	46	20	2	2	1	22	4.58	2.24
436498	W 85.677876 N 40.061842	Intersection of Main St at E 53rd St (~ 0.81 mi N of I-69)	Anderson	MADISON	0	2	3	0	25	0	2	5	2	63	29	1	2	3	30	5.34	2.57
172150	W 86.139735 N 39.736948	Intersection of E Tabor St at S Shelby (~ 0.13 mi W of I-65)	Indianapolis	MARION	0	6	14	6	67	0	6	20	8	192	88	5	6	20	93	9.59	4.81

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})	
145387	W 86.256173 N 39.823807	Intersection of W 38th Street at Moller Rd. (~ 1.03 mi E of I-465 (W leg))	Indianapolis	MARION	0	2	18	3	54	0	2	32	4	169	76	1	2	21	77	8.57	4.75
169671	W 86.234937 N 39.82402	Intersection of W 38th Street at Lafayette Road (~ 0.45 mi W of I-65)	Indianapolis	MARION	1	2	12	2	65	3	3	18	2	172	81	1	3	14	82	9.00	4.58
172714	W 86.159046 N 39.808367	Intersection of W 29th St at N Illinois St (~ 0.37 mil E of I-65)	Indianapolis	MARION	0	2	21	2	39	0	2	39	6	134	63	1	2	23	64	7.77	4.33
250	W 86.121798 N 39.834959	Intersection of Binford Blvd/E Fallcreek Prkwy at N Keystone Ave (~5.46 mi SW of the I-69/I-465 interchange)	Indianapolis	MARION	1	1	17	1	43	1	1	23	1	133	61	2	2	18	63	7.71	4.17
163396	W 86.082488 N 39.66592	Intersection of E Southport Rd at S Emerson Ave (~ 0.37 mi E of I-65)	Indianapolis	MARION	0	3	12	1	56	0	3	16	1	156	71	1	3	13	72	8.27	4.16
166481	W 86.180807 N 39.824741	Intersection of Martin Luther King Jr St/N Michigan Rd at W 38th St (~ 0.95 mi N of I-65)	Indianapolis	MARION	1	3	12	2	51	1	3	22	4	147	63	6	4	14	69	8.09	4.06
162952	W 86.117097 N 39.635608	Intersection of E County Line Rd at Madison Ave (~ 0.51 mi E of US 31)	Indianapolis	MARION	0	3	17	0	44	0	3	26	4	136	63	1	3	17	64	7.77	4.04
180566	W 86.009924 N 39.826048	Intersection of E 38th St at N Post Rd (~ 1.18 mi E of I-465)	Indianapolis	MARION	0	2	11	0	47	0	2	19	3	124	58	2	2	11	60	7.51	3.92

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sigle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
163537	W 86.106289 N 39.635791	Intersection of E County Line Rd at N Meridian St (~1.08 mi E of US 31)	Indianapolis	MARION	0	2	13	4	28	0	2	17	8	100	46	1	2	17	47	6.78	3.64
163712	W 86.122037 N 39.650247	Intersection of E Stop 11 Rd at Madison Ave (~ 0.80 mi E of US 31)	Indianapolis	MARION	0	3	11	0	41	0	5	15	0	113	54	1	3	11	55	7.17	3.63
180503	W 86.009588 N 39.804016	Intersection of N Post Rd at E 25th St (~ 0.22 mi N of I-70)	Indianapolis	MARION	0	2	15	1	31	0	2	26	2	106	48	1	2	16	49	6.74	3.63
6453	W 86.094007 N 39.85845	Intersection of Binford Blvd at Kessler Blvd E Dr (~3.28 mi SW of the I-69/I465 Interchange)	Indianapolis	MARION	0	2	16	0	31	0	2	21	1	112	48	1	2	16	49	6.74	3.60
162404	W 86.11644 N 39.767839	Intersection of Rural Street at Pearl Street (~ 2.04 mi S of I-70)	Indianapolis	MARION	0	2	16	2	25	0	2	25	2	85	38	7	2	18	45	6.63	3.59
174654	W 86.08242 N 39.69459	Intersection of E Thompson Rd at S Emerson Ave (~ 0.62 mi S of I-465 (S Leg))	Indianapolis	MARION	0	2	7	2	39	0	3	10	4	102	48	2	2	9	50	6.96	3.54
170529	W 86.149038 N 39.766876	Intersection of E Washington St at East Street (~ 0.33 mi W of I-65/I-70)	Indianapolis	MARION	0	2	10	0	40	0	3	21	0	107	52	0	2	10	52	6.96	3.53
167624	W 86.149609 N 39.810294	Intersection of E 30th St at N Central Ave (~ 0.91 mi E of I-65)	Indianapolis	MARION	0	2	23	0	14	0	4	42	1	83	39	0	2	23	39	5.95	3.41

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
168256	W 86.225265 N 39.749926	Intersection of S Holt Road at W Morris Street (~ 0.17 mi S of I-70)	Indianapolis	MARION	0	3	13	2	25	0	4	20	2	89	42	1	3	15	43	6.48	3.38
153971	W 86.250324 N 39.765173	Intersection of W Rockville Rd at N Lynhurst Dr (~ 0.85 mi E of I-465 (W leg))	Indianapolis	MARION	0	2	6	0	36	0	2	9	0	86	41	3	2	6	44	6.36	3.17
181080	W 86.02694 N 39.825787	Intersection of E 38th Street and Franklin Road (~ 0.27 mi E of I-465 (E leg))	Indianapolis	MARION	0	2	10	0	28	0	3	18	0	81	39	1	2	10	40	6.04	3.13
172715	W 86.156688 N 39.808332	Intersection of W 29th St at N Meridian St (~ 0.49 mi E of I-65)	Indianapolis	MARION	0	2	12	0	23	0	2	16	0	76	36	1	2	12	37	5.78	3.05
4208	W 86.229913 N 39.82401	Intersection of W 38th St at Industrial Blvd/Commercial Dr (~ 0.39 mi W of I-65)	Indianapolis	MARION	0	2	6	2	26	0	2	7	2	72	35	1	2	8	36	5.92	2.99
170531	W 86.148981 N 39.768303	Intersection of E Market Street at N East Street (~ 0.32 mi W of I-65/I-70)	Indianapolis	MARION	0	2	8	0	29	0	3	16	0	82	39	0	2	8	39	5.95	2.98
323	W 86.118822 N 39.836306	Intersection of Binford Blvd/E Fall Creek Pkwy N Dr at N Temple Ave/E Fall Creek Pkwy N Dr (~ 5.32 mi SW of the I-69/I-465 interchange)	Indianapolis	MARION	0	2	9	0	27	0	2	10	0	77	38	0	2	9	38	5.87	2.97

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
176421	W 86.064119 N 39.77111	Intersection of E Washington St at Arlington Ave (~ 1.81 mile W of I-465 (E leg))	Indianapolis	MARION	1	1	11	0	22	1	1	17	0	73	35	0	2	11	35	5.61	2.97
268571	W 86.20979 N 39.884776	Intersection of Michigan Rd at W 71st St / Westlane Rd (~ 2.87 mi S of I-465 (N leg))	Indianapolis	MARION	0	3	7	0	28	0	3	10	0	77	37	1	3	7	38	5.87	2.97
171698	W 86.158887 N 39.7884	Intersection of W 16th St at Illinois St (~ 0.41 mi E of I-65)	Indianapolis	MARION	0	2	7	0	25	0	3	13	1	69	33	1	2	7	34	5.75	2.88
180037	W 86.083772 N 39.825515	Intersection of N Emerson Ave at 38th Street (~ 1.60 mi N of I-70)	Indianapolis	MARION	0	2	9	0	23	0	3	18	0	78	33	1	2	9	34	5.52	2.86
272379	W 86.157914 N 39.919685	Intersection of N Meridian Street at 91st Street (~ 0.73 mi S of I-465 (N leg))	Indianapolis	MARION	0	2	12	0	16	0	2	22	0	63	30	0	2	12	30	5.14	2.77
169664	W 86.215812 N 39.78783	Intersection of W 16th St at N Tibbs Ave (~ 2.96 mi N of I-70)	Indianapolis	MARION	1	1	6	0	25	1	1	9	0	71	30	3	2	6	33	5.43	2.76
163306	W 86.096771 N 39.665523	Intersection of E Southport Rd at Gray Rd (~ 0.37 mi W of I-65)	Indianapolis	MARION	0	2	6	0	21	0	2	8	1	60	28	1	2	6	29	5.29	2.66

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
143032	W 86.12031 N 39.708488	Intersection of S Keystone Ave at E Hanna Ave (~0.4.9 mi S of I-65)	Indianapolis	MARION	0	3	8	0	14	0	5	10	0	57	25	0	3	8	25	4.63	2.58
275815	W 86.100038 N 39.862358	Intersection of Allisonville Rd at Kessler Blvd E Dr (~ 3.46 mi SW of I-465 (N leg))	Indianapolis	MARION	0	2	8	0	15	0	2	13	0	55	25	0	2	8	25	4.63	2.43
170937	W 86.150271 N 39.722596	Intersection of E Troy Ave at Madison Ave (~ 0.95 mi W of I-65)	Indianapolis	MARION	0	2	4	0	19	0	2	6	0	49	24	1	2	4	25	4.63	2.38
699	W 86.211976 N 39.853613	Intersection of W 56th Street at Kessler Blvd N Dr/Cooper Rd (~ 2.82 mi E of I-65)	Indianapolis	MARION	0	2	9	1	10	0	4	13	1	50	22	0	2	10	22	4.30	2.37
257001	W 86.039546 N 39.905187	Intersection of E 82nd St at Clearvista Pkwy (~ 0.33 mi E of I-69)	Indianapolis	MARION	0	2	5	0	17	0	2	12	0	52	22	2	2	5	24	4.53	2.34
162296	W 86.13063 N 39.767325	Intersection of E Washington St at N State Ave (~ 0.65 mi of E of I-65/I-70)	Indianapolis	MARION	1	1	6	1	13	1	1	10	1	38	16	6	2	7	22	4.30	2.33
136347	W 86.245511 N 39.660219	Intersection of W Southport Road (N Jct) at Mann Road (~ 2.65 mi W of SR 37)	Indianapolis	MARION	0	2	9	0	7	0	3	21	0	36	18	0	2	9	18	4.20	2.32
167938	W 86.18768 N 39.808184	Intersection of W 29th St at N Harding St (~0.78 mi W of I-65)	Indianapolis	MARION	0	2	4	1	16	0	3	13	1	46	23	0	2	5	23	4.41	2.31

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
163291	W 86.08253 N 39.680639	Intersection of E Edgewood Ave at S Emerson Ave (~1.00 mi E of I-65)	Indianapolis	MARION	0	3	1	0	19	0	4	1	0	46	22	1	3	1	23	4.41	2.31
175801	W 86.071595 N 39.694761	Intersection of E Thompson Rd at Pappas Dr (~1.81 mi E I-65)	Indianapolis	MARION	0	2	6	1	10	0	2	8	1	38	19	0	2	7	19	4.32	2.31
145692	W 86.270146 N 39.816233	Intersection of W 34th Street at N High School Road (~ 0.29 mi E of I-465 W leg))	Indianapolis	MARION	0	2	5	0	15	0	4	7	0	43	20	2	2	5	22	4.30	2.29
145586	W 86.159018 N 39.805452	Intersection of W 27th St at N Illinois St (~ 0.36 mi E of I-65)	Indianapolis	MARION	0	3	3	2	10	0	3	9	4	36	16	2	3	5	18	3.81	2.27
4472	W 85.972391 N 39.84116	Intersection of E 46th St at N German Church Rd (~2.43 mi E of US 36/SR 67)	Lawrence	MARION	0	3	5	0	9	0	3	12	3	34	16	1	3	5	17	3.68	2.24
166954	W 86.161198 N 39.781042	Intersection of N Capitol Ave at W 10th St (~0.12 mi S of I-65)	Indianapolis	MARION	0	3	3	0	12	0	3	10	0	39	18	0	3	3	18	3.81	2.22
9278	W 86.046064 N 39.840397	Intersection of E 46th Street at N Shadeland Avenue (~ 0.30 mi W of I-465 (E leg))	Indianapolis	MARION	0	2	4	1	14	0	3	7	2	44	19	2	2	5	21	4.18	2.19
275040	W 86.054875 N 39.855056	Intersection of E 56th St at Brendon way S Dr/Old Colony Rd (~0.42 mi west of I-465 (E leg))	Indianapolis	MARION	0	2	4	1	13	0	2	7	3	44	20	0	2	5	20	4.06	2.18

Table A.3: 2010 Five Percent List for Indiana Local Road Intersections

ID	GIS Coordinates	LOCATION	CITY	COUNTY	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sngle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
1375	W 86.27102 N 39.852864	Intersection of W 56th St at N High School Road (~ 0.28 mi E of I-465 (W leg))	Indianapolis	MARION	0	2	3	1	12	0	3	4	1	36	18	0	2	4	18	4.06	2.16
10304	W 86.18769 N 39.839097	Intersection of N Michigan Rd at Cold Spring Rd (~ 2.02 mi NW of I-65)	Indianapolis	MARION	1	2	2	0	7	1	3	3	0	25	10	2	3	2	12	3.41	2.08
149283	W 86.374934 N 39.612801	Intersection of W Main St at N Indiana St /CR 275 E (~0.25 mi E of SR 267)	Mooresville	MORGAN	1	2	2	0	10	1	3	3	0	28	13	2	3	2	15	3.67	2.10
502643	W 85.23881 N 41.365741	Intersection of Albion at N/S Main St (~0.92 mi E of SR 3)	Avilla	NOBLE	1	1	5	0	17	1	1	6	2	47	21	3	2	5	24	4.74	2.39
220997	W 87.065919 N 41.53559	Intersection of Meridian Rd at W CR 700 N/E CR 700 N (~ 1.00 mi S of US 6)	Valparaiso	PORTER	1	2	10	1	13	1	3	20	1	55	27	0	3	11	27	5.05	2.74
34892	W 87.529513 N 37.962842	Intersection of Washington Ave at S Weinbach Ave (~ 0.72 mi E of US 41)	Evansville	VANDERBURGH	0	2	8	9	31	0	2	13	12	106	48	2	2	17	50	6.81	3.63
28534	W 87.577515 N 37.971842	Intersection of NW Riverside Dr at Court St (~0.50 mi S of SR 62 (Lloyd Expressway))	Evansville	VANDERBURGH	0	2	2	1	12	0	2	2	1	28	11	6	2	3	17	4.00	2.09
18912	W 87.542114 N 37.993842	Intersection of Maxwell Ave at N Fares Ave (~0.25 mi W of US 41)	Evansville	VANDERBURGH	1	1	3	1	12	1	1	4	1	36	17	1	2	4	18	3.81	2.08

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65161	W 87.360319 N 39.506736	Intersection of Fort Harrison Rd at N Fruitridge Ave (~2.46 mi E of US 41)	Terre Haute	VIGO	0	2	8	0	18	0	2	14	0	59	28	0	2	8	28	4.95	2.59
64844	W 87.40692 N 39.428437	Intersection of S 7th St at E Weston Dr (~0.16 mi S of I-70)	Terre Haute	VIGO	0	2	5	1	7	0	2	8	1	30	15	0	2	6	15	3.83	2.12

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (M/C)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
559914	W 84.959294 N 40.648391	W 84.964381 N 40.648391	Parkway St from 0.50 mi W (S CR 150 W) to 0.24 mi W of US 27/S Harrison St	Berne	Adams	0	2	2	0	7	0	2	2	1	22	9	2	2	2	11	3.16	1.70
631134	W 84.877689 N 40.571253	W 84.887105 N 40.571253	CR 1200 S from 3.79 mi E (N CR 500 E to 4.27 mi E (N CR 550 E) of US 27/Main St	S of Geneva	Adams	0	2	0	0	6	0	2	0	0	9	1	7	2	0	8	2.74	1.58
24414221	W 85.10837 N 41.114148	W 85.10617 N 41.114148	Crescent Ave from SR 930/Coliseum Blvd NE 0.19 mi (Broyles Blvd)	Fort Wayne	Allen	1	1	5	0	24	1	4	8	1	67	27	4	2	5	31	5.33	2.30
24457643	W 85.179021 N 41.117748	W 85.181171 N 41.117748	Goshen Rd from SR 930/W Coliseum Blvd Rd to SE 0.16 mi	Fort Wayne	Allen	0	2	4	0	22	0	3	4	0	51	22	6	2	4	28	4.95	2.20
602424	W 85.14377 N 41.031448	W 85.14317 N 41.031448	Faifield Ave from Airport Expressway/W Paulding Rd N 0.21 mi to W Belmont Dr (~ 0.59 mi W of US 27/Lafayette St)	Fort Wayne	Allen	1	1	1	2	12	2	1	1	2	27	10	7	2	3	17	3.66	1.85
602017	W 85.06318 N 41.149348	W 85.063269 N 41.149348	Maplecreek Rd from 0.95 mi S (Langwood Rd to 0.72 mi S (Rothman Rd) of I-469	Fort Wayne	Allen	0	2	2	1	9	0	4	3	1	22	8	6	2	3	14	3.56	1.81

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (M/C)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
612385	W 85.10427 N 41.236249	W 85.112271 N 41.236249	Cedar Canyons Rd from 1.06 mi W (Forest Canon Pkwy) to 0.58 mi W (Auburn Rd) of I-69	Huntertown	Allen	0	2	3	0	8	0	2	3	0	13	0	13	2	3	13	3.29	1.75
594159	W 85.193072 N 41.168448	W 85.193172 N 41.168448	Huguenard Rd from 2.32 mi N (W Wallen Rd) to 2.85 mi N (W Till Rd) of US 33/Goshen Rd	Wallen	Allen	0	2	2	0	9	0	3	6	0	19	5	8	2	2	13	3.17	1.72
604011	W 85.13217 N 41.046048	W 85.13187 N 41.046048	McKinnie Ave from US 27 SB (S Clinton St) E 0.02 mi to US 27 NB (Lafayette Rd)	Fort Wayne	Allen	0	2	2	1	3	0	2	3	1	16	7	1	2	3	8	2.76	1.65
607996	W 85.11487 N 41.060648	W 85.11377 N 41.060648	E Pontiac St from 0.94 mi E (Lillie St) to 1.00 mi E (S Anthony Blvd) from US 27 NB (Lafayette St)	Fort Wayne	Allen	0	2	1	0	3	0	2	1	0	11	5	1	2	1	6	2.19	1.53
604608	W 85.14007 N 41.087748	W 85.14207 N 41.087748	W 4th St from US 27 SB (N Clinton St) W 0.11 mi to Calhoun St	Fort Wayne	Allen	0	2	1	0	3	0	2	7	1	11	5	1	2	1	6	2.02	1.51
24438729	W 86.419489 N 40.007329	W 86.425822 N 40.007329	Perry Worth Rd parallel to I-65 from 1.90 mi to 2.42 mi NE of SR 267 along I-65 (0.5 mi N of CR 300 S)	S of Lebanon	Boone	0	2	2	0	17	0	2	2	0	33	11	10	2	2	21	4.23	1.95

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sgle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
294318	W 86.250658 N 39.925551	W 86.251356 N 39.925551	W 96th under I-465 from Robison Rd E 0.05 mi	Indianapolis	Boone	0	2	1	0	4	0	2	1	0	15	6	1	2	1	7	2.53	1.57
480793	W 84.878314 N 39.086268	W 84.877567 N 39.086268	Reese Dr from US 50 SE 0.05 mi	Lawrenceburg	Dearborn	0	5	5	2	37	0	6	11	4	94	41	8	5	7	49	6.95	3.15
397604	W 86.061508 N 41.687742	W 86.06147 N 41.687742	Ash Rd from 1.63 mi N to 1.68 mi N(Old US 20/McKinley Ave) of SR 933/Lincolnway E	W of Elkhart	Elkhart	1	1	2	0	6	1	1	3	0	19	7	3	2	2	10	3.05	1.68
586415	W 85.9747 N 41.709649	W 85.972 N 41.709649	Anna Rd 0.2 mi W and N from SR 19/Cassopolis St (~ 1.47 mi S of I-80/I-90 Toll Road)	N of Elkhart	Elkhart	1	1	0	0	10	1	1	0	0	21	9	3	2	0	12	3.02	1.65
522031	W 85.550133 N 40.52426	W 85.540885 N 40.52426	E CR 200 S from I-69 E to S CR 700 E (~ 2.04 mi S of SR 18)	E of Marion	Grant	0	2	1	1	15	0	2	2	1	24	5	14	2	2	19	4.30	1.95
499751	W 85.918662 N 39.957798	W 85.916146 N 39.957798	E 116th from Olio Rd to 0.13 mi E (John Rd) (~ 2.30 mi S of I-69)	Fishers	Hamilton	0	2	3	0	13	0	2	4	1	34	12	6	2	3	18	4.15	1.94

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sgl Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I _{CC})
	Start Point	End Point																				
333857	W 86.184329 N 40.548022	W 86.184377 N 40.548022	N CR 300 W from 2.15 mi S (W CR 450 N) to 1.63 mi S (W CR 500 N) of SR 35	S of Galveston	Howard	0	2	1	0	3	0	2	2	0	9	3	3	2	1	6	2.23	1.53
417942	W 85.382676 N 38.776292	W 85.387119 N 38.776292	Franks Rd from 0.08 mi N of SR 62/Clifty Dr (Michigan Rd) to 0.25 mi W (SR 62/Clifty Dr)	Madison	Jefferson	0	2	1	0	15	0	2	3	3	32	13	5	2	1	18	4.06	1.88
584426	W 85.7476 N 41.418902	W 85.748978 N 41.418902	W Chicago St from SR 13/S Huntington St to 0.07 mi W (~ 2.4 mi S of US 6)	Syracuse	Kosciusko	0	2	0	0	6	0	2	0	0	17	8	0	2	0	8	2.66	1.57
245709	W 87.46134 N 41.586535	W 87.46144 N 41.586535	Kennedy Ave from 0.85 mi N (170th St) to 0.98 mi N (169th St) of I-80/I-94	Hammond	Lake	0	2	2	4	33	0	2	7	5	84	38	3	2	6	41	6.19	2.64
229576	W 87.239009 N 41.417712	W 87.239023 N 41.417712	Randolph St from 3.69 mi S (Pointe Dr) to 3.49 mi S (E 109th Ave) of US 30/81st Ave	Winfield	Lake	0	2	4	1	31	0	2	4	2	73	32	6	2	5	38	6.07	2.56
246850	W 87.449541 N 41.651835	W 87.448641 N 41.651835	Guthrie from 0.05 mi SE (Watling St) to 0.20 mi SE (Elm St) of SR 912/line Ave	East Chicago	Lake	1	1	5	2	22	1	1	10	2	44	13	18	2	7	31	5.45	2.39

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	Start Point	End Point																				
244556	W 87.50304 N 41.556035	W 87.50134 N 41.556035	Columbia from 1.57 mi S (Fisher St) to 1.30 mi S (35th St) of I-80/I-94	Munster	Lake	0	2	4	3	16	0	2	4	7	47	20	5	2	7	25	4.58	2.16
252509	W 87.316637 N 41.584436	W 87.313837 N 41.584436	Central Ave from 1.21 mi NW (Illinois St) to 1.04 mi NW (E 19th St) of I-65	Gary	Lake	0	2	0	0	16	0	2	0	0	29	11	7	2	0	18	3.85	1.82
229209	W 87.280098 N 41.405364	W 87.276386 N 41.405364	Winfield Road/117th Ave from 2.33 mi E&SE (Benton ST) to 2.52 mi E&SE (Decatur St) of I-65	Winfield	Lake	0	2	1	1	9	0	2	1	1	15	2	11	2	2	13	3.55	1.78
245021	W 87.516642 N 41.648323	W 87.520838 N 41.648323	E 136th from 0.23 mi SE to 0.45 mi SE(Sheffield Ave) of the IN/ILL State Line	Hammond	Lake	0	2	2	0	8	0	2	2	0	19	7	5	2	2	12	2.80	1.66
351741	W 86.884228 N 41.681475	W 86.885096 N 41.681475	Cleveland Rd from US 20 to 0.07 mi SE (Pahs Rd)	Michigan City	LaPorte	0	2	2	0	12	0	2	4	0	28	12	4	2	2	16	3.93	1.86
211323	W 86.89737 N 41.547528	W 86.906075 N 41.547528	W CR 400 S from 0.47 mi W (S CR 1100 W) to US 421/SR 2/N Flynn Rd	Westville	LaPorte	1	1	5	0	3	1	1	6	0	19	9	1	2	5	10	2.71	1.70

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	Start Point	End Point																				
352090	W 86.893928 N 41.665839	W 86.892328 N 41.665839	W CR 400 N from US 421 to 0.17 mi E (N Frontage Rd)	Michigan City	LaPorte	0	2	1	0	5	0	2	2	0	15	7	1	2	1	8	2.74	1.60
350384	W 86.761884 N 41.642241	W 86.76991 N 41.642241	W Johnson Rd from 0.47 mi E (N Evergreen Ln) to 0.88 mi E (Country Club Dr) of I-80/I-90/Toll Rd	W of LaPorte	LaPorte	2	0	1	0	4	2	0	1	0	9	2	5	2	1	7	2.35	1.55
507473	W 85.677876 N 40.061742	W 85.682176 N 40.061742	W 53rd St from 1.56 mi W (Lewis Dr) to 1.33 mi W (Main St) of SR 9/Scatterfield Rd	Anderson	Madison	0	2	8	3	33	0	2	12	7	91	43	2	2	11	46	6.68	2.90
302565	W 86.215053 N 39.897147	W 86.215757 N 39.897147	Michigan Rd from 2.02 mi S (commercial drives) to 1.94 mi S (W 79th St) of I-465 (N Leg)	Indianapolis	Marion	0	4	12	5	69	0	4	17	5	193	81	9	4	17	90	9.40	4.01
195915	W 86.232811 N 39.82402	W 86.234937 N 39.82402	Lafayette Ave from 1.69 mi SE (W 37th St) to 1.50 mi SE (W 38th St) of I-65/Lafayette Rd Interchange	Indianapolis	Marion	1	2	7	2	73	1	2	9	5	168	77	8	3	9	85	9.02	3.78
203395	W 86.082488 N 39.664713	W 86.082465 N 39.664713	S Emerson Ave from 0.31 mi N (Southport Crossing Pl) to 0.38 mi N (Southport Rd) of I-65	Indianapolis	Marion	0	2	14	1	42	0	2	20	2	132	59	0	2	15	59	7.60	3.35

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ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
294020	W 86.237513 N 39.853273	W 86.24004 N 39.853273	W 56th from 1.31 mi E (Georgetown Rd) to 1.45 mi E (Rosewood commons Dr) of I-65	Indianapolis	Marion	0	3	4	0	61	0	3	9	0	135	66	2	3	4	68	8.07	3.32
178697	W 86.269842 N 39.745336	W 86.269835 N 39.745336	S High School Rd from US 40/Washington St to 0.11 mi S (Howard St)	East Side of Indianapolis	Marion	1	2	6	1	49	1	2	10	1	117	54	5	3	7	59	7.59	3.18
24451469	W 85.975581 N 39.891031	W 85.976126 N 39.891031	Sunnyside Rd from 1.73 miles N to 2.03 mi N (E 75th St) of US 36/SR 67	Indianapolis	Marion	0	2	13	1	30	0	3	19	2	66	17	29	2	14	46	6.48	2.90
203471	W 86.08425 N 39.69459	W 86.08242 N 39.69459	E Thompson Rd from 1.15 mi E (S Bancroft St) to 1.25 mi E (S Emerson Ave) of I-65	Indianapolis	Marion	0	2	10	0	34	0	5	10	0	95	44	2	2	10	46	6.68	2.88
208493	W 86.083772 N 39.825492	W 86.082002 N 39.825492	E 38th St from 2.75 mi W (N Emerson Ave) to 2.65 mi W (Leland Ave/Grand Ave) of I-465 (E Leg)	Indianapolis	Marion	0	3	7	0	37	0	3	8	0	90	40	7	3	7	47	6.71	2.88
180332	W 86.274057 N 39.794228	W 86.269799 N 39.794228	21st Street from I-465 (W Leg) to 0.23 mi E (N High School Rd)	Indianapolis	Marion	0	2	3	1	32	0	2	4	1	69	28	10	2	4	38	6.00	2.52

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ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Single Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (I_{CF})	Index of Crash Cost (I_{CC})
	Start Point	End Point																				
204259	W 86.063553 N 39.693561	W 86.063635 N 39.693561	S Arlington from 0.94 mi S (Parterra Dr) to 0.84 mi S (Thompson Rd) of I-465 (S Leg)	Indianapolis	Marion	0	2	9	0	22	0	2	14	0	72	31	2	2	9	33	5.69	2.50
314094	W 86.04573 N 39.863148	W 86.046109 N 39.863148	N Shadeland Ave from The exit/entrance ramps from I-465 (E Leg) N 0.30 mi to Fall Creek Rd (N of the I-465/56th St Interchange)	Indianapolis	Marion	0	2	8	0	19	0	3	10	0	52	21	8	2	8	29	5.00	2.29
204830	W 86.045713 N 39.807523	W 86.045673 N 39.807523	N Shadeland from 0.61 mi N to 0.86 mi N (E 30th St) of I-70	Indianapolis	Marion	0	2	5	0	23	0	2	10	0	59	26	4	2	5	30	5.15	2.24
187033	W 86.08253 N 39.676584	W 86.082547 N 39.676584	S Emerson from 1.87 mi S (Copper Ln) to 1.58 mi S (Edgewood Ave) of I-465 (S Leg)	Indianapolis	Marion	0	2	4	0	21	0	2	12	0	59	23	4	2	4	27	4.82	2.16
310441	W 86.046089 N 39.903309	W 86.045565 N 39.903309	N Shadeland Ave from 0.38 mi S to 0.18 mi S (Clearvista Dr) of the I-69/82nd St Interchange	Indianapolis	Marion	0	2	2	0	17	0	2	4	0	39	18	3	2	2	21	4.31	1.97
24431240	W 86.031974 N 39.825787	W 86.02694 N 39.825787	E 38th Street from the bridge over I-465 (E Leg) to 0.27 mi E (Franklin Road)	Indianapolis	Marion	0	2	3	1	13	0	2	8	2	38	15	4	2	4	19	3.93	1.93

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	Start Point	End Point																				
207526	W 86.102568 N 39.810788	W 86.100947 N 39.810788	E 30th from 3.88 mi E (Sherman Dr) to 3.79 mi E (N Denny St) of I-465 (E Leg)	Indianapolis	Marion	0	2	3	1	10	0	2	3	1	34	16	0	2	4	16	3.76	1.88
305674	W 86.189961 N 39.912062	W 86.193918 N 39.912062	86th St from 4.02 mi E (Harcourt Rd/Pemberton Ln) to 4.25 mi E (Office Park Dr) of I-465 (W Leg)	Indianapolis	Marion	0	2	1	0	14	0	2	3	0	40	17	0	2	1	17	3.76	1.82
180151	W 86.256173 N 39.825181	W 86.256204 N 39.825181	Moller Rd from 1.30 mi S (W 38th St) to 1.20 mi S (Gateway Dr) of I-65	Indianapolis	Marion	1	1	2	0	11	1	1	3	0	30	12	3	2	2	15	3.63	1.81
194690	W 86.209337 N 39.764627	W 86.212112 N 39.764627	E Jackson and Sanitorium, starting from I-465 (W Leg) E 3.18 mi on W Washington St then 0.7 mi S on Sanitorium then E 0.15 mi on Jackson St	Indianapolis	Marion	2	0	3	0	10	2	0	5	1	27	10	5	2	3	15	3.28	1.77
24365997	W 86.156977 N 39.842631	W 86.157019 N 39.842631	N Meridian (Old US 31) from 3.92 mi N (W 46th St) to 4.14 mi N (W 49th ST) of I-65	Indianapolis	Marion	0	2	2	0	10	0	2	3	0	30	13	1	2	2	14	3.32	1.75
185608	W 86.111845 N 39.79237	W 86.110653 N 39.79237	Brookside Pkwy N Dr from N Dearborn to N LaSalle, Starting at I-70 0.42 mi S on Dearborn then 0.06 mi E to N Lasalle	Indianapolis	Marion	2	1	0	0	1	2	1	0	0	5	1	3	3	0	4	1.69	1.73

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	Start Point	End Point																				
297648	W 86.277117 N 39.864784	W 86.272572 N 39.864784	Lafayette Rd from W 62nd St to 0.3 mi SE Just NE of the I-65/I-465 (W Leg) Interchange	Indianapolis	Marion	0	2	3	0	9	0	3	5	1	24	9	5	2	3	14	2.88	1.71
204610	W 86.009311 N 39.782039	W 86.00936 N 39.782039	N Post Rd from 0.38 mi N (E Michigan St) to 0.56 mi N (E 10th St) of US40/Washington St	Indianapolis	Marion	0	2	1	0	9	0	3	4	0	22	10	2	2	1	12	3.10	1.68
191075	W 86.148788 N 39.693366	W 86.146368 N 39.693366	Thompson Rd from US 31, 0.14 mi E to Turtle Creek Ct	Indianapolis	Marion	0	2	0	0	9	0	2	0	0	23	10	1	2	0	11	3.04	1.65
192142	W 86.144733 N 39.788463	W 86.144743 N 39.788463	N College Ave from 0.26 mi N (E 15th St) to 0.39 mi N (E 16th St) of I-65	Indianapolis	Marion	0	2	0	1	8	0	2	0	3	20	8	3	2	1	11	2.91	1.65
24439267	W 86.231554 N 39.867642	W 86.231655 N 39.867642	Guion Rd from W 62nd to 0.24 mi S, starting at I-465 (W Leg) E 2.07 mi on 62nd St then S 0.24 mi on Guion Rd	Indianapolis	Marion	1	1	2	0	8	1	1	2	0	23	10	2	2	2	12	2.69	1.65
297805	W 86.288371 N 39.910238	W 86.284923 N 39.910238	W 86th from 0.98 mi W (Moore Rd/Loveland Ln) of I-465 (W Leg) to 0.18 mi E	Indianapolis	Marion	0	2	2	0	4	0	2	3	0	14	6	2	2	2	8	2.63	1.61

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	Start Point	End Point																				
310463	W 86.042659 N 39.914591	W 86.039264 N 39.914591	E 87th from 0.21 mi E (Bash Rd) of I-69 E 0.20 mi	Indianapolis	Marion	1	1	1	1	6	1	1	2	1	19	9	1	2	2	10	2.49	1.61
24390470	W 86.122116 N 39.878177	W 86.122132 N 39.878177	N Keystone Ave from 3.12 mi S (Durham Dr/Glenbrook Dr) to 2.98 mi S (Butterfield Dr) of I-465 (N Leg)	Indianapolis	Marion	0	2	1	0	6	0	4	2	0	16	6	3	2	1	9	2.67	1.60
170246	W 86.250337 N 39.7193	W 86.25138 N 39.7193	Springsong Dr from Morningsong Dr to Lynhurst Starting at I-70, S 0.40 mi on Lynhurst then SW 0.06 mi.	Indianapolis	Marion	1	1	0	1	5	2	1	2	1	16	8	0	2	1	8	2.61	1.59
6200	W 86.27102 N 39.856317	W 86.271101 N 39.856317	High School Rd from W 56th St to N 0.23 mi, Starting at I-465 (W Leg) E 0.28 mi to W 56th St then N 0.23mi	Indianapolis	Marion	0	2	1	0	5	0	2	1	0	15	5	3	2	1	8	2.56	1.58
206813	W 86.049528 N 39.735708	W 86.049506 N 39.735708	S Hunter Rd from 0.26 mi N to 0.52 mi N (E Raymond St) of I-74 Just NW of the I-74/I-465 (W Leg) Interchange	Indianapolis	Marion	0	2	3	0	3	0	2	5	0	12	4	4	2	3	8	2.18	1.58
24439481	W 86.084681 N 39.883171	W 86.089793 N 39.883171	E 71st St from 2.25 mi W of I-465 (E Leg) (Allisonville Rd) E 0.27 mi	Indianapolis	Marion	0	2	0	0	7	0	2	2	0	19	7	2	2	0	9	2.36	1.55

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	Start Point	End Point																				
322516	W 86.116333 N 40.58499	W 86.117322 N 40.58499	North St and West St to Main Street (SR 18) Starting at US 31 E 0.53 mi on SR 18/Main St to West St then N 0.12 mi to North St then E 0.06 mi	W of Bloomington	Miami	0	2	4	0	5	0	2	5	0	12	1	10	2	4	11	3.26	1.76
135925	W 86.582798 N 39.156846	W 86.582798 N 39.156846	S Curry Pike from 0.55 mi S (W Gifford Rd) to 0.45 mi S (Doyle Ave) of SR 48	W of Bloomington	Monroe	0	2	1	0	4	0	2	3	0	13	6	1	2	1	7	2.37	1.56
24435890	W 87.221481 N 41.550537	W 87.221434 N 41.550537	County Line Rd from US 6 to 0.23 mi N, starting at SR 51/SR 130/N Hobart St/S Randolph St E 0.55 mi on US 6/Ridge Rd/37th St to County Line Road then N 0.23 mi	Portage	Porter	0	3	1	0	6	0	5	7	0	21	10	0	3	1	10	2.82	1.88
256005	W 87.222035 N 41.596536	W 87.222135 N 41.596536	S County Line from US 20 to N 0.16 mi (Stage Coach Rd)	Portage	Porter	1	2	2	0	1	1	2	3	0	10	3	3	3	2	6	1.94	1.80

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multivh. Crash (MVC)	No. of Sgle Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (IcF)	Index of Crash Cost (Icc)
	Start Point	End Point																				
261798	W 87.066057 N 41.56158	W 87.06628 N 41.56158	Meridian Rd from Tyson Rd to 0.57 mi N to Stonegate Dr, starting at SR 49 W 1.03 mi to Meridian then N 0.16 mi to Tyson then N 0.57 mi to Stonegate	Chesterton	Porter	0	2	0	0	6	0	2	0	0	8	0	8	2	0	8	2.42	1.54
24442326	W 87.016496 N 41.617142	W 87.016351 N 41.617142	Brummitt Rd from Indian Boundary Rd/E CR 1275 N, S 0.25 mi, starting at SR 49 then E 1.32 mi on Indian Boundary Rd to Brummit Rd then S 0.25 mi	Portage	Porter	0	2	1	0	3	0	2	3	0	7	1	5	2	1	6	2.13	1.52
439893	W 85.774847 N 39.524439	W 85.77653 N 39.524439	E Washington from SR 9/Harrison St/Public Square 0.09 mi E (Pike St)	Shelbyville	Shelby	0	2	1	0	7	0	2	1	0	17	7	3	2	1	10	2.86	1.64
395923	W 86.187209 N 41.69482	W 86.187345 N 41.69482	Grape Road from 1.74 mi S (Catalpa Dr) to 1.49 mi S (W Edison Rd) of the I-80/I-90/Toll Rd	Mishawaka	St. Joseph	1	1	4	6	90	1	1	9	10	201	93	9	2	10	102	9.84	4.37
394199	W 86.187405 N 41.701459	W 86.187455 N 41.701459	Grape Road from 1.22 mi S (Day Rd) of the I-80/I-90/Toll Rd then N 0.21 mi	Mishawaka	St. Joseph	0	2	6	0	67	0	2	10	0	154	70	5	2	6	75	8.41	3.57

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Slight Veh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (IcF)	Index of Crash Cost (Icc)	
	Start Point	End Point																				
24393296	W 86.605334 N 41.207091	W 86.602168 N 41.207091	Lakeside from S 500 E to 0.23 mi NW, starting at US 35 and SR 10 (S Jct) then N 0.34 mi on SR 10/S CR 500 E to Crestview then W 0.23 mi on Lakeside	Bass Lake	Starke	0	2	2	0	3	0	3	3	0	9	2	5	2	2	7	2.57	1.60
395927	W 86.187383 N 41.69482	W 86.187345 N 41.69482	Grape Rd from 1.48 mi S (W Edison Rd) of the I-80/I-90/Toll Rd then N 0.18 mi	Mishawaka	St Joseph	0	2	2	1	22	0	2	5	2	58	26	1	2	3	27	4.83	2.14
394558	W 86.187644 N 41.716332	W 86.187709 N 41.716332	Grape Rd from 0.25 mi S (Ridge Blvd) of the I-80/I-90/Toll Rd then N 0.25 mi to the I-80/I-90/Toll Rd	Mishawaka	St Joseph	0	2	2	0	19	0	2	2	0	45	20	3	2	2	23	4.41	2.01
394240	W 86.208897 N 41.722981	W 86.207098 N 41.722981	Eldorado/Bonvale Ln from Crestview to 0.27 mi W & S, starting at SR 23/Cleveland Rd then W 0.88 mi to Crestview then S 0.05 mi to Eldorado/Crestview then W & S 0.27 mi	Granger	St Joseph	1	1	2	0	9	1	1	2	0	24	10	3	2	2	13	3.15	1.70
386211	W 86.231979 N 41.650627	W 86.231979 N 41.650627	Marine St from 0.73 mi to 0.70 mi(E Ewing Ave) S of SR 933 (Lincoln Way E)	South Bend	St Joseph	0	2	2	0	2	0	3	2	0	13	6	0	2	2	6	2.32	1.56

Table A.4: 2010 Five Percent List for Indiana Local Road Segments

ID	GIS Coordinates		Location	City	County	Fatal Crash (K)	Incap. Inj. Crash (A)	Non-incap. Crash (B)	Possb. Inj. Crash (C)	PDO Crash (O)	Fatal Injuries (KP)	Incapac. Inj. (AP)	Non-incapacitating Injuries (BP)	Possible Injuries (CP)	No. of Damaged Vehicles (DV)	No. of Multiveh. Crash (MVC)	No. of Sglveh. Crash (SVC)	Fatal & Incap. Inj. Crash (KA)	Non-Incap. Inj. & Possb. Inj. Crash (BC)	Total Crash (TC)	Index of Crash Frequency (IcF)	Index of Crash Cost (Icc)
	Start Point	End Point																				
38415	W 87.492263 N 37.981255	W 87.492385 N 37.981255	Green River Rd from 0.31 mi (E Virginia St) to 0.62 mi (Carriage Dr) N of SR 66 (E Lloyd Expressway)	Evansville	Vanderburgh	0	2	3	3	81	0	2	3	3	181	83	6	2	6	89	9.19	3.96
38737	W 87.492112 N 37.993837	W 87.492037 N 37.993837	Green River Rd from 0.03 mi (Morgan Center Dr) to 0.18 mi (Old Boonville Hwy) N of SR 62 (Morgan Ave)	Evansville	Vanderburgh	1	1	1	1	8	1	1	1	3	29	12	0	2	2	12	3.33	1.74
23069	W 87.584383 N 38.014861	W 87.582753 N 38.011192	Kratzville Rd from 0.48 mi N (Hobart Ave) to 0.78 mi N (W Buena Vista Dr) of SR 66/Diamond Ave	Evansville	Vanderburgh	0	2	0	1	8	0	4	0	2	13	2	9	2	1	11	2.34	1.57
74194	W 87.469321 N 39.466936	W 87.464921 N 39.466936	Hill Rd from 1.21 mi (W Graceland Ave) to 0.99 mi (W Graceland Ave) W of SR 150	W Terre Haute	Vigo	0	2	2	0	2	0	2	6	0	8	2	4	2	2	6	2.35	1.56
12924	W 85.10928 N 39.744455	W 85.109285 N 39.744455	Pennville Rd from 8.11 mi (Potter Shop Rd) to 7.61 mi S of I-70	W of Richmond	Wayne	0	2	0	1	3	0	2	0	1	6	0	6	2	1	6	2.34	1.54
290514	W 86.649386 N 40.73652	W 86.65879 N 40.73652	W CR 1300 N (County Line Road) from 5.41 mi (N CR 700 W/S CR 1100 E) to 5.91 mi (S CR 1150 E) E of US 421/SR 39	Monticello	White	1	1	1	0	4	1	1	3	0	8	1	6	2	1	7	2.45	1.56